Usenet Newsgroup Archive: rec.radio.scanner

1995-01 - 1995-03

These Usenet messages were preserved as a plain-text archive. This PDF was generated by Digital Library of Amateur Radio & Communications from the source text file in 2026.

Date span: 1995-01-03 through 1995-03-31

Source text: rec.radio.scanner.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 4,339

Message records with no readable body available in the source text: 31

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-03 20:02:22 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Jan3.200222.23803@news.csuohio.edu>
Source record: 263326

reda@gandalf.rutgers.edu (Frank J. Reda) writes:
: I frequently use my Pro 43 with the RS telescoping antenna
: to monitor the commercial aircraft bands.
:
: I've noticed that I can dramatically increase the reception by
: cupping my hand over the center load. Can anyone explain why?
:
: TIA,
: FRank
: --
: Frank J. Reda, Assistant Director, Rutgers University Computing Services
: reda@gandalf.rutgers.edu

That's interesting. Your hand I think is doing one of two things:

1) Changing the tuning characteristics of the antenna by "connecting"
the top half of the antenna with the lower half (i.e., via the
moisture in your hand). It would now be more closely tuned to
the aircraft range of frequencies.

2) Your hand becomes actually part of your antenna system, capacitively
coupled to it, allowing it to capture signals more strongly. I guess
you would get a similar effect if you wrapped a longer, insulated
wire around the antenna also.

I'd be interested to know what you get when you connect a wire
directly between the top and bottom halves of the fully extended
antenna, bypassing the center load.

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-03 20:14:26 UTC
From: gbelton@rs1.tcs.tulane.edu
Message-ID: <3ecb72$r3b@news.cs.tulane.edu>
Source record: 263327

Clint Bradford (clint.bradford@ectech.com) wrote:
: MIKE>>It is NOT illegal to listen to cordless phone conversations on
: your scanner....

: You are incorrect.

Well, as they say on alt.folklore.urban, The World Is A Big Place.
Remember that this newsgroup is sent to thousands of sites in hundreds of
countries on every continent. What is illegal where YOU live might be
perfectly legal where I live.

Just last week a lady in Texas overheard a woman and her lover plotting
to kill her husband. She called the cops, and the plotters were
arrested. According to the police, her monitoring of the call was
perfectly legal.

In the United States it is illegal to monitor cellular phone calls; but
how on earth would you get caught? Has anyone ever been prosecuted under
this asinine law?

As a friend of mine used to say (about HBO): "If they don't want me
monitoring their signal, they can keep their radio waves out of my yard."

--
"In the old days, being crazy meant something. I don't speak
Nowdays, EVERYBODY'S crazy." for Tulane.
-- Charles Manson

3. Re: Anyone used Percoms Spectrum CD yet?

Newsgroup: rec.radio.scanner
Date: 1995-01-03 20:30:36 UTC
From: jkrauss@cpcug.digex.net
Message-ID: <3ecc5c$8em@news1.digex.net>
Source record: 263331

```
Michael Fink (habu@gate.net) wrote:
: Anyone tried Percoms Spectrum CD yet?

Yes, it's definitely worth the price.

: ------------------------------------------------------------------------
: |Mike Fink |Support the Right to Bear Arms |
: |Ft.Lauderdale Fl. |Gun control only affects those citizens|
: |habu@gate.net |who obey laws. |
: ------------------------------------------------------------------------
```

4. Re: PRO2006 - PC Control

Newsgroup: rec.radio.scanner
Date: 1995-01-03 20:31:41 UTC
From: tonyrush@bga.com
Message-ID: <3ecc7e$qn0@giga.bga.com>
Source record: 263332

Kenneth Stern (sternk@alumni.cs.colorado.edu) wrote:

: I'd also like to know if one needs to purchase a soundcard for the Opto
: or if the Opto takes care of DTMF and whatever for you.

: ~Ken

There is no need for a sound card as the Opto 456 handles DTMF decoding
internally. It will also decode CTCSS for you.
--

Tony Rusho |
Internet: tonyrush@bga.com |

5. Freq's in Ohio (Cincinnati)

Newsgroup: rec.radio.scanner
Date: 1995-01-03 20:49:45 UTC
From: dogruen@sdrc.com
Message-ID: <3ecd99$ho1@info1.sdrc.com>
Source record: 263342

I am interested in finding some interesting frequencies to scan in
the Greater Cincinnati area. Could anyone point me to or send me any
textfiles with frequencies or maybe send me a few cool ones? I'm
interested in listening to anything!

Thanks!!!

-Bob

--
Bob Gruen
Robert.Gruen@sdrc.com |
Structural Dynamics Research Corporation +--=oOo=--+
2000 Eastman Drive
Milford, Ohio

6. Merimac ???

Newsgroup: rec.radio.scanner
Date: 1995-01-03 21:03:07 UTC
From: eberman@execpc.com
Message-ID: <3ece2b$2tl@homer.alpha.net>
Source record: 263333

Hello,

I am looking for the telephone number of a Radio Shack dealer. I called them last week but can't seem to find the number any longer. The company was Merrimac Distributing. I'm unsure of the spelling but it something like that. Any help anyone can offer would be appreciated.

73,
Erich N9RTM

~~~~~~
+ Internet - eberman@execpc.com +
+ Amateur Packet Radio - n9rtm@??9???.#mke.wi.usa.noam +
+ C$S - 70642,130 +
+ Exec-PC - Erich Berman +
~~~~~~

7. Re: Woops! CIA got me! <grin>

Newsgroup: rec.radio.scanner
Date: 1995-01-03 21:21:30 UTC
From: mcs@crl.com
Message-ID: <3ecf4q$ru3@crl11.crl.com>
Source record: 263329
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Ki4je (vhealey@crl.com) wrote:
: KaPow the file disappeared! I checked the log of responses
: etc from my host and the rename was received and acted upon but
: someone grabbed the data instantly and ate it!

Naw, it wasn't the CIA, it was CRL. You know how they are. =)

Sidebar note to CRL: This is a personal opinion, and since I don't represent you in any way besides being a user on your system, you can't do anything do me...besides maybe cancel my account.

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

8. Re: Opinion of Optoscan 456 Wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-03 21:23:58 UTC
From: schumann@crl.com
Message-ID: <3ecf9e$jph@nntp.crl.com>
Source record: 263330
Cross-posted to: alt.radio.scanner,rec.radio.scanner

kfisher@freenet.edmonton.ab.ca wrote:
: I am interested in purchasing a Optoscan 456 for the Pro 2006, and am
: interested in hearing from owners or anyone who has had any experience
: with it. All responses greatly appreciated.
:
: Thanks Kevin Fisher VE6 KEV kfisher@freenet.edmonton.ab.ca

I have one and I use it. It does what it is advertised to do, and that is essentially to allow computer control of the RS Pro-2006. The software that is bundled with the board is *adequate*, and I expect to see better floating around in the future. Also, OptoElectronics does sell the programming details for the board, with the recommendation that the Icom CIV (memory lapse...) programming material be on hand.

Get in touch with OS regarding product and programming stuff.

9. Re: SCANNING ON PASSENGER-post flight comments

Newsgroup: rec.radio.scanner
Date: 1995-01-03 22:26:54 UTC
From: dctrhappy@aol.com
Message-ID: <3ecive$ec@newsbf02.news.aol.com>
Source record: 263356

Since I opened up this thread I felt it appropriate to tell you all what happened on my flight. First of all, I flew United and they said that NO radios of any kind can be operated at any point while in the aircraft. However, I decided to scan through 800 mhz shortly after takeoff. I realized that i couldn't pick up anything but some silent transmissions which appeared very strong. Perhaps some bleedthrough from the aircraft's transmissions?? Anyway, I only scanned for 60 seconds during the whole flight and well, we're all alive. On my return flight home the captain had the communications patched through to the seat earphone jacks. This was very interesting and (obviously) the reception was great. Also, having some background with aviation radio helped me to understand what the heck they're talking about. It's a language all its own. -Price of these comments = 2 cents.

10. Re: AOR AR1500 hand held

Newsgroup: rec.radio.scanner
Date: 1995-01-03 22:27:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9501031553002245@ectech.com>
Source record: 263343

SL:)Unit in good condition.similar to the AR 1000 but has the sideband
SL:)receive capability ,asking 350 dollars or best offer.Unit is about 10
SL:)months old ,has 9 search banks,1000 channels,auto search&store bank too
SL:)etc etc

What's "sideband receive capability"?
---
* QMPro 1.52 * A day for firm decisions!!!!! Or is it?

11. Re: AOR 1000 **********

Newsgroup: rec.radio.scanner
Date: 1995-01-03 22:29:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9501031553002246@ectech.com>
Source record: 263372

Yeah me Too?

MV:)Does anyone have any SECRETS of the AOR 1000xlt?

MV:)Any tips/functions NOT in the manual?

MV:)Any operating hints? (Can I get rid of DELAY/HOLD....for trunking)

MV:)Thanks
MV:)matthew@hal9000.apana.org.au
---
* QMPro 1.52 * Don't erase it! I MIGHT need it -- someday!

12. Re: Frequs. for Motorola GP-300 radios?

Newsgroup: rec.radio.scanner
Date: 1995-01-03 22:52:59 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Jan3.225259.16568@grian.cps.altadena.ca.us>
Source record: 263371

jmmorrison@aol.com (Jmmorrison) writes:

>At 6" long and if its 1/2" think the full length of the antenna, I'd say
>its a VHF unit. The GP300's are capable of transmitting on just about all
>VHF and UHF freqs. Therefore you can't really exclude any freqs due to
>radio limitations.

>John M Morrison

Look at the model number - it's in a format of: X99XXX-9999<some more
stuff>, where X=letter, 9=number. Look at -------^ this digit.

If that digit is a 3, it's a high band. If it's a 4, its a UHF.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

13. Re: missing newsgroups: alt.cellular & other phone groups?

Newsgroup: rec.radio.scanner
Date: 1995-01-03 23:19:46 UTC
From: FVXN22A@prodigy.com
Message-ID: <3ecm2i$4vfo@usenetp1.news.prodigy.com>
Source record: 263369

I, too would kike to read these newsgroups here. They can, however be read on AOL.

14. Re: Merimac ???

Newsgroup: rec.radio.scanner
Date: 1995-01-03 23:34:09 UTC
From: dwwn@uhura.cc.rochester.edu
Message-ID: <1995Jan3.233409.9445@galileo.cc.rochester.edu>
Source record: 263340

In <3ece2b$2tl@homer.alpha.net> eberman@execpc.com writes:

>I am looking for the telephone number of a Radio Shack dealer. I called them last week
>but can't seem to find the number any longer. The company was Merrimac Distributing. I'm
>unsure of the spelling but it something like that. Any help anyone can offer would be
>appreciated.

1-800-231-3680

15. Re: Optoelectronics SCOUT

Newsgroup: rec.radio.scanner
Date: 1995-01-04 00:02:52 UTC
From: schuster@panix.com
Message-ID: <3ecojc$kcb@panix3.panix.com>
Source record: 263341

In article <1995Jan3.191930.25570@atl.com>,
Adam Levin-Delson <adamld@atl.com> wrote:
>
>I read Mike Schuster's (schuster@panix.com) reply to your request and I
>agree with his list of annoyances and I'll add one of my own.

Thanks for reading :-)

>Unless you do something special before you turn the unit off, it loses all
>stored freqs. You have to put it in "sleep mode" which can require
>flipping two switches and pressing a button (depending on what mode you
>were in). I'd much prefer that you had to jump through hoops to clear the
>memory, rather than to retain it. The problem is that if you (or someone
>else) simply turn the unit on and then immediately off, or if you plug in
>and then unplug the charger, you lose the frequencies.

Agreed. And one more gripe. The polarity on the LCD display is adjusted
so that the optimum view angle is from above. This is contrary to the way
everyone else does it (straight on, or slightly below).

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

16. Icom 2SRA

Newsgroup: rec.radio.scanner
Date: 1995-01-04 00:05:00 UTC
From: opp@netcom.com
Message-ID: <oppD1utKC.KvI@netcom.com>
Source record: 263373

I am looking for a good contition ICOM-2SRA at a reasonable price.
--
opp@netcom.com

17. Pro 51 vs pro 62 : I chose PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-01-04 00:13:10 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3ecp6m$7lb@dcsun4.us.oracle.com>
Source record: 263344

julianr325@aol.com (JulianR325) wrote:
>
> Pro-62 is a better scanner with triple conversion.

I tried both the PRO-62 and the PRO-51 at the same
time to see if the triple conversion in the PRO-62 was
worth the slower scanning speed, 50ch/100freqs per second
in the PRO-51 vs. 25ch/50freqs per second in the PRO-62.

This was not a controlled test by any means, but I used
each scanner a few feet apart and programmed the same
frequencies in the same channels, then used them both.
I didn't hear any noticable difference in sound quality or
range. I used the antennas that came with each model (they
were the same). The 100% faster "Hyper Scan" of the PRO-51
really made a (nice) difference (especially with 200 channels).
Also, the design of the PRO-51 is more advanced, e.g. better
light, button placement, AIR, FIRE, MARINE, WX bands (especially
useful when you're in a temporary area, don't have the local
freqs programmed, and suddenly see a fire engine Code 3).
Frequency coverage is similar, and reducing images was not a
big deal for me.

I finally chose the PRO-51, but as I use it more and more in
my car with a mag mount antenna, I think triple conversion
might help reduce some of the interference I get. Not sure...

Did I buy the "wrong" scanner -- I don't know; but I like
the PRO-51 a lot. The PRO-62 was even on sale for $50 off the
regular price (unadvertised sale at RS), but I still chose the
PRO-51. I decided to buy it mail order from an RS distributor
in another state. It cost $257 including shipping and 4 free
Ni-Cad batteries. And I didn't pay sales tax since it was out
of state. I don't have the name or phone number of the RS
distributor with me now, but they advertise in at least one
radio magazine; try Amateur Radio or similar.

Hope this helps...

-Randy Duran
rduran@us.oracle.com

"I don't represent the views of my company, but I wish I did."

18. Re: Woops! CIA got me! <grin

Newsgroup: rec.radio.scanner
Date: 1995-01-04 00:40:57 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ecqqp$peg@nntp.crl.com>
Source record: 263376
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> Ki4je (vhealey@crl.com) wrote:
> : KaPow the file disappeared! I checked the log of responses
> : etc from my host and the rename was received and acted upon but
> : someone grabbed the data instantly and ate it!
>
> Naw, it wasn't the CIA, it was CRL. You know how they are. =)
>
> *Sidebar note to CRL: This is a personal opinion, and since I don't
> represent you in any way besides being a user on your system, you can't
> do anything do me...besides maybe cancel my account.*
>
I guess they figured it was ok because it showed up again about 30 min
later. I delete it just to be safe. I don't want any visits from suits early in the
morning. Shesh most of that information is outdated anyway!

Vic

19. Re: Bearcat 210

Newsgroup: rec.radio.scanner
Date: 1995-01-04 01:58:47 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1uytz.678@nntpa.cb.att.com>
Source record: 263328
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <beavis.789178722@pentagon.io.com>,
beavis <beavis@pentagon.io.com> wrote:

>Hello, I have an old Bearcat 210 that is having
>some difficulties in the audio section. If anybody
>has the service manual and would be kind enough
>to snail mail it to me for copying/postage costs
>I would be grateful. E-mail me at beavis@io.com
>
>Thanks, Eric

First, I cannot send you a service manual.
You didn't describe the problem in detail, but I have a couple
of hints which may help:

1) If there's an external speaker jack, make sure it is still
intact and not breaking the internal speaker connection due to
dirty or bend contacts.

2) Locate, then replace the large electrolytic capacitor in series
with the output of the audio amplifier (between amp and speaker).
The last few BC800XLTs I repaired failed for this reason.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

20. Re: Help with 10-codes for NYC police?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 03:52:30 UTC
From: danm@pnw.net
Message-ID: <3ed61u$7t8@cascade.pnw.net>
Source record: 263325

In article <3eaj28$h2u@interport.net>,
Sally Strasser <sals@interport.net> wrote:

>--nope, those codes don't work in NYC, I tried that. Someone e-mailed
>me a really great list that looks like the right stuff, though.

Could that "someone else" send ME a copy ... or post them here?

>Does anyone else listen to NY police, though?

I do when I am back there visiting my sister in W. Orange. The
stuff from Manhattan comes in great at her house.

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ... +
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU |I-NET:danm@pnw.net (preferred) OR danm@prostar.com +

21. Re: City of Ventura, CA police freq's.

Newsgroup: rec.radio.scanner
Date: 1995-01-04 05:09:33 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3edaid$d41@news2.delphi.com>
Source record: 263334

I have the following:

155.310, 155.625, 154.920, 156.015

If you ever get into the SFV, stop by Ham Radio Outlet and pick up
the Southern California Edition of Police Call. It has detailed freq
information, unit numberings, maps, etc for Ventura, Los Angeles, Orange,
Imperial, Riverside, San Bernardino Counties and Baja California (Mex.)

Karl Dahlquist
kdahlquist@delphi.com
RCMA CA-LA-956

22. Re: Lexington, KY police going to trunking.. :(

Newsgroup: rec.radio.scanner
Date: 1995-01-04 05:13:07 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3edap3$d8a@news2.delphi.com>
Source record: 263335

If it has the scanner tones after each broadcast, then when the next natural disaster hits and if they don't disable them, they are going to be in a heep of trouble. Imagine every department trying to get through and the software blocking them for ten seconds after each transmission.

23. Scanners in a vehicle abroad

Newsgroup: rec.radio.scanner
Date: 1995-01-04 05:24:57 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950103212113.22262C-100000@holmes.ece.orst.edu>
Source record: 263400

I live in Oregon where my freedom to posses a scanner in a car is still a freedom. If I go to a more communist/totalitarian style state where it's illegal to use a scanner in you car and I get pulled over while just passing through, what will happen to me?

24. Re: Mobile signal choppiness

Newsgroup: rec.radio.scanner
Date: 1995-01-04 05:32:59 UTC
From: Petex@ix.netcom.com
Message-ID: <3edbub$lnj@ixnews2.ix.netcom.com>
Source record: 263401

In <3e53s9$732@newsbf02.news.aol.com> tommyace@aol.com (Tommy Ace) writes:

>
>Is there anything I can do to my scanner antenna (I have a mobile scanner
>in my car) to get the incoming signal to be consistently clear while I'm
>driving? When I sit in my car and listen to the scanner while parked, the
>signal is fine. But as soon as I start to drive, the signals (especially
>the more distant ones) get choppy.
>Is that an unavoidable phenomenon of nature or can it be corrected?
>Thanks! Tommy Ace.
>

What you are experiencing is called "picket-fencing" in the amateur radio community. It is caused when several reflected signals all arrive at the receiver at slightly different times. There is nothing that you can do to prevent it.

25. Help with my PRO-46

Newsgroup: rec.radio.scanner
Date: 1995-01-04 06:25:07 UTC
From: ripnommel@aol.com
Message-ID: <3edf03$4d3@newsbf02.news.aol.com>
Source record: 263337

I have purchased a PRO-46 and would appreciate any info on mods or test modes.
Thanks-RiP

26. Re: Phoenix/Scottsdale/Mesa AZ freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-04 06:46:06 UTC
From: sgyee@phx.ramp.com
Message-ID: <3edg7e$prj@porky.ramp.com>
Source record: 263410

In article <2998120930.5.wk03268@worldlink.com>, "Ivan Landis" <wk03268@worldlink.com> says:
>
>Taking a trip next week to the above area and would love to have the
>local Public Service freqs before I go. Also, does anyone know what
>American Airlines scanner policy is?
>

Okay, here are the majors that you would need for Phoenix and greater Maricopa County:

Phoenix PD: Chase 1 North: 453.100
Chase 2 Alt: 154.755
Chase 3 South: 453.450
Channel 4 South 155.370
Channel 5 Central 155.070
Channel 6 NE 155.640
Channel 7 NCent 155.520
Channel 8 West 155.430
Channel 9 N-NW 155.700
All Units use an alpha letter designator and a three digit code. The 3 digit code designates what zone they belong to.

Dept Of Public Safety/State Police

Metro Phx East 460.325
Metro Phx West 460.300
Statewide 460.225

Mesa PD: Emerg. Traffic: 155.130
Emerg. Traf. Alt. 155.535

Maricopa Cty Sheriff's Office
West Dispatch 460.050
East Dispatch 460.150
Search & Rescue 159.090
Units with MCSO use the same 3 digit type designator with an alpha letter designator.

Phoenix Fire Dept:
Dispatch: 154.190
Mesa Fire Dept:
Disptach: 154.340
Rural Metro Fire Dept:
Dispatch: 154.370

Scottsdale PD uses an 800 Mhz trunked system, so scanning it is
more of a hassle than it's worth....

Hope you enjoy, and welcome to AZ when you get here !!

Steve Yee / MCSO

```
-------------------------------------------------------------------------
| sgyee@phx.ramp.com | Become a member of the largest |
| 71431.2137@compuserve.com | street gang in America..... |
| Amateur Radio Callsign: KC7ALZ | - THE COPS !! - |
-------------------------------------------------------------------------
| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |
-------------------------------------------------------------------------
```

27. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1995-01-04 06:52:19 UTC
From: sgyee@phx.ramp.com
Message-ID: <3edgj3$prj@porky.ramp.com>
Source record: 263411

In article <3eaqn1$rgm@news2.delphi.com>, KDAHLQUIST@news.delphi.com
(KDAHLQUIST@DELPHI.COM) says:
>
>Since when have you started to waste my time by advertising FirePage or
>MediaNet or whatever the service is called this month. Since you don't get
>LAFD first call (as it is generally not put over the air), why bother.
>
>I keep informed by keeping my scanner with me at all times, looking for
>Code three vehicles, helicopters and officers with lots of guns. In LA,
>who needs the additional grief? The disasters are already overreported
>anyway, mostly by your clients.
>
>Karl Dahlquist
>RCMA CA-LA-956

The majority of scanner paging nets tend to restrict dispatching any
routine first alarm items, unless it's a HAZMAT, large structure fire,
etc.

Nets such as Breaking News Network, DC Firecom, Fire Notification of
Michigan, and even Incident Command Page in Phoenix restrict pages
to at least two alarm or ones that have the potential two alarm fires.

Besides, the way that our dispatchers in AZ talk, they rattle the
calls off so fast, you need the pager to keep up with other zones...even
if your scanner is a hyper fast one....

Steve

sgyee@phx.ramp.com	Become a member of the largest
71431.2137@compuserve.com	street gang in America.....
Amateur Radio Callsign: KC7ALZ	- THE COPS !! -

| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |

28. Did Santa Clara (CA) PD Change Freq's?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 07:57:51 UTC
From: Jeff Chung <kirby34@rahul.net>
Message-ID: <3edkdv$nuc@hustle.rahul.net>
Source record: 263336

I just started listening to my scanner at the beginning of the new
year after not having done so for about 3 months and I get the feeling that
Santa Clara PD has changed their frequencies because I haven't heard ANY
traffic whatsoever.

I still have 460.150 and 460.275 (what were channel's 1 and 2) but,
I'm not picking-up anything. I _am_ getting occasional undercover stuff
on 460.050 (channel 3), though. So, did the SCPD change freqs and, if
so, what are the new ones?

Also, I'm not picking up anything on what I had as the SCFD channel -
did they change that as well?

Thanks in advance.
--
Jeff Chung "I don't want to buy anything, sell anything or process
kirby34@rahul.net anything. I don't want to buy anything sold or
processed; sell anything bought or processed; or
process anything bought, sold, or processed."

29. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-04 08:36:08 UTC
From: lou@gary.com
Message-ID: <771673006201@gary.com>
Source record: 263339

It doesn't matter how many laws they have on the books, it still won't keep those who have the desire to listen from doing so, especially if they are technically inclined enough to take on the challenge.
Another thing, one would have to blame themselves if any information about themselves got out over a Cordless phone. Why? Well, first of all,nner all of the Cordless Phone manuals I've seen do warn, even in small print,er that your conversations can be picked up by receivers. If they don't then look in the Telephone book. Usually, it is listed there.
Finally, as a buyer of any sort of equipment, you should check out all features, pluses and minuses of that item. Make an Informed Decision. Then, as you will know, what can or cannot happen, or be expected. Finally, in the age of technology, nothing is really safe anymore. There are people trying to build safeguards, and there are those trying to tear them down. It's a tough battle. It appears as though there are no real winners. your
One last note: I know of one instance, where the Police had conducted a Drug Bust based on conversations they overheard from Cordless Phones. The charges stuck. uilt

Finally, please excuse me, if this doesn't turn out in a rather neat format, I'm new to some of this posting stuff.
IT>Terry Steinford
IT>tls@gate.net

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

30. Ramsey

Newsgroup: rec.radio.scanner
Date: 1995-01-04 08:36:09 UTC
From: lou@gary.com
Message-ID: <771673002802@gary.com>
Source record: 263338

IK>I'm new to scanning and have a BC2500xlt, I see Ramsey sells a
IK>descrambler kit and would like to know what does it descramble?
IK>Everyones help is greatly appreciated.IK>Also what are some good
scanner mags to get and maybe to subscribe to.

My personal experience with Ramsey kits, was bad. Actually, it wasn't
mine but a friend of mine. He built a kit, it didn't work. I looked it
over, I fixed a couple small things, nothing which would have caused
great harm to make it not work. A third party looked at it. We were all
in awe. We have 40 years of Electronics experience between us. The kit
was junk. When the factory was called, (kit cost about $18.00), they
wanted him to send it back and for x amount of money (not sure now of
exact amount), they would repair it. I explained the situation to the
tech. He didn't tell me anything that I didn't already now.
If they offer a complete wired and tested unit, Good Luck. If you buy a
kit, my prayers are with you. I've heard others complain of the same
problems also, so mine (should I say my friend's) isn't unique....

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

31. Bearcat 200xlt Cell Scanning

Newsgroup: rec.radio.scanner
Date: 1995-01-04 08:49:42 UTC
From: rzachary@tpp.com
Message-ID: <rzachary.1.0008D457@tpp.com>
Source record: 263361

How come its stated that cell scanning is in the 800MHZ range when in fact I can hear cellular in the 900mhz range. Does the 800mhz range have more cellular scanning.

Also, I bought my scanner about 4 or 5 years ago does it need any modification?

Any respones would be appreciated.

Thanks,
Bob

32. Scan Info Server

Newsgroup: rec.radio.scanner
Date: 1995-01-04 08:50:20 UTC
From: KB8KHV <nickolas@gate.net>
Message-ID: <Pine.A32.3.90.950104034300.24236A-100000@seminole.gate.net>
Source record: 263416

The scanner freq list info server I setup last month has been real busy for the last few weeks. I would Like to thank you for all the lists you people send me to add. As of now we offer 40+ freq list from all over the U.S. To get an Index of whats there, email wl-scan-cj@society.com and put INDEX in the subject line. When you get the index back, to request a list just email the same address but put the keyword in the subject instead of INDEX. Thank you again and keep those lists comming :)

Nickolas -- CyberJunkie BBS 305.720.8230 Tamarac, Florida U.S.A.

33. frequencies in france ?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 09:09:02 UTC
From: bo641@FreeNet.Carleton.CA
Message-ID: <D1vlr2.E7s@freenet.carleton.ca>
Source record: 263345

does anyone know the frequencies use in france

by police fire dpt etc......

thank you for your answer

email : cochet@aviion.univ-lemans.fr

34. Re: Trunk Monitoring

Newsgroup: rec.radio.scanner
Date: 1995-01-04 09:09:54 UTC
From: bsherman@sefl.satelnet.org
Message-ID: <3edol2$3mr@sefl.satelnet.org>
Source record: 263347

In <3ebt6f$10a@inferno.mpx.com.au> bushland@jolt.mpx.com.au (Edward Hodgson) writes:

>Does anyone out there have information on methods of monitoring trunks
>and how to follow a specific service and the best equipment to use ?

I would suggest that the best equipment to use is the same make and model
as is used on the system that you want to listen to. With a letter of
authorization from the operators of the system, you can get the equipment
properly programed to follow the services you want to .

--
bsherman@satelnet.org

35. Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-04 09:33:08 UTC
From: CMOORE@wpo.csd.scarolina.edu
Message-ID: <CMOORE.221.00098DAE@wpo.csd.scarolina.edu>
Source record: 263363

>Your idea about anonymous tips is probably the best answer here. The
>best thing to do is take effective notes and provide detailed information
>through a Crime Stopper network or something similar. Do this even if
>the crime HASN'T taken place yet. You may not be able to prevent the
>crime, but in the event it DOES take place, the investigation team will
>immediately focus on your information for clues and the perps brought to
>justice (much to their befuddlement).

...something to think about...

I have a 2032 (which you can mod, kids), which I listen to casually. I live in a small town where most everyone knows everyone else so it is kind of fun if nothing else to "listen in". Well, anyway, I began a relationship with a cute little girl early in December. Everything was going right and things were progressing quickly (you know).

Anyway, after I met her the night after Christmas outside her work after 11 pm, we sat in my car, talked some heartfelt stuff, and fogged the windows a bit. She had to go home so I followed her back to where she turns off to head home and I went on to the house. I went in to my bedroom where my scanner is and got ready to shed some threads. Guess who was chatting away on her car phone. She was telling this married guy she was messing around with everything that had transpired between us that evening. I listened in shock and disbelief as she tore me to pieces. What a Two-Faced Psycho Hose Heifer from Hell (actually, psycho chicks are the best)!

So it turns out she is playing both of us and I couldn't deal with that. I don't know exactly how to deal with having that kind of information and I have considered getting rid of the scanner. On the other hand, this is actually information I need to know if she's just playing with me (I thought we were serious). Nonetheless, I broke it off with her that evening and we haven't seen each other since.

I guess we are only breaking into some of the ramifications of telecommunications in the hands of individuals. At what point are you "checking up" on someone? There have been incidents in the news recently of people stalking others via e-mail, can one be guilty of the same by listening to cordless or cellular calls? Where's the line? I'm angry at her, but at the same time I feel guilty for having listened to her private conversation without her knowledge. I actually apologized to her for that and the way I handled it.

So, anyway, the rule still applies: don't say or write it down if you don't want anyone else to know it. A week before she asked me, "Does that pick up car phones?"

I said, "yes". She asked, "Have you picked up me?", to which I
casually replied, "Not yet."

My opinions are probably my own. I used to be decisive, now I'm not so sure.

Pentium - When you need answers really fast, but don't care if they're right!

Write to Live; Live to Write...
---

36. Re: Heelo

Newsgroup: rec.radio.scanner
Date: 1995-01-04 10:23:00 UTC
From: mtiernan@nomad.n-reading.ma.us
Message-ID: <D1vM6D.8Jo@nomad.n-reading.ma.us>
Source record: 263355

Gandalf <gandalf@midearth.system-ent.com> wrote:
> The Middle earth BBS is now Posting in this Newsgroup
Oh thank god. We're saved. (*SHEESH!*)

37. Re: Did Santa Clara (CA) PD Change Freq's?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 10:32:10 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3edtfa$cnu@nntp.crl.com>
Source record: 263346

So, did the SCPD change freqs and, if
> so, what are the new ones?
>
> Also, I'm not picking up anything on what I had as the SCFD channel -
> did they change that as well?
>
SOUNDS LIKE THEY MOVED TO THESE FREQUENCIES

866.26250000 • GF • SANTA CLARA, CITY OF
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868.88750000 • YF • SANTA CLARA, CITY OF

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

38. : PSYCHIC CB RADIO PSICAST CAUSES APPARITION :

Newsgroup: rec.radio.scanner
Date: 1995-01-04 12:57:39 UTC
From: hufos@freenet2.scri.fsu.edu
Message-ID: <3ee603$cb2@freenet3.scri.fsu.edu>
Source record: 263352
Cross-posted to: rec.radio.shortwave,rec.radio.cb,rec.radio.scanner,rec.radio.noncomm,alt.radio.pirate

{{onnected Ronnie.

Hello. This is Ronnie Dobbs of the Hastings UFO Society Channeling to you by way of Madame Thelma on the Psychic CB Channel number 22, lower sideband, from an undisclosed location.

This is a SPECIAL BULLETIN.

The Hastings UFO Society is PROUD TO ANNOUNCE the Establishment of the 1st PSYCHIC CB RADIO STATION IN CYBERSPACE.

This HISTORICAL SCIENTIFIC EVENT was achieved on December 31st of 1994 when the Hastings UFO Society channeled it's report to the Internet in BREATHTAKING 8 BIT MONOPHONIC SOUND.

Two Different Locations in the Western United States have reported that they received our Psicast. Assurances that THIS IS NOT A HOAX were given by Miss Lynsa , System Administrator at teleport.com, and by Mr. Scott Doty. System Administrator at santarosa.edu. Both Miss Lynsa, who Society Member Harlan U. Blount says that he "feels" may be a "handsome woman" due to her "sensitive and womanly" use of the English language in her Death Threat to the Society, and Mr. Scott reported that the "Psychic Essence" of our Psicast apparently has altered their Hard Disks in such a way that anyone who is interested may examine the Evidence for themselves at:

ftp://ftp.teleport.com/users/lynsared/hufos

or at

ftp.santarosa.edu/pub/HUFOS

Mr. Scott also reported that a Home Page has "appeared" at his site, and was kind enough to send us a PHOTO OF THE APPARITION for us to SCIENTIFICALLY EVALUATE AND TEST for any signs of Fakery.

After viewing the PHOTO OF THE HOME PAGE APPARITION, Society Member Thyra Watson allowed as how it kind of reminded her of the "Face of Jesus that time it got stained onto that woman's dish towel."

In a Press Conference held on the front step of the Hastings Public Library, Society Spokesman Cecil Simms said that "this should be more than enough evidence to convince even the most hardened Scientific Skeptic, or even an Atheist. It certainly convinced me."

When asked as to why the Psicast was received in the Western United States, Cecil said,"The Society is at a loss to explain it at present.

Some members of the Society Think Tank say that it could be due to the Coriolis Effect, but the effects of the Psychic Sinkhole near Gainesville are not being ruled out."

Among other possible causes discussed was the possibility that some sort of trough, or pathway, or something, to the Western U.S. may have been created by the Monster Mutant File that nearly destroyed the Internet some months back. (For more information on the Monster Mutant File, please see our report entitled: PSYCHIC CB TEST CAUSES GLOBAL CRISIS)

Cecil went on to say that the reason that this idea was being discussed was because it was reported in the Palatka Daily News that a star "out there in space somewhere" was noticed by the National Observatory to have begun emitting a "bunch of xrays, or something about the time the Monster Mutant File was supposed to have hit Japan", but that it was "too early to tell if there is any correlation of significance."

The APPARITIONAL HOME PAGE, which some people are beginning to call a "MIRACLE" may be Witnessed at:

http://www.santarosa.edu/hufos/

This concludes our SPECIAL BULLETIN.

Thank You.

Ronnie Dobbs
President
Hastings UFO Society

NO CARRIER

39. : PSYCHIC CB RADIO PSICAST FEED INFO :

Newsgroup: rec.radio.scanner
Date: 1995-01-04 13:01:10 UTC
From: hufos@freenet2.scri.fsu.edu
Message-ID: <3ee66m$cs3@freenet3.scri.fsu.edu>
Source record: 263354
Cross-posted to: rec.radio.shortwave,rec.radio.cb,rec.radio.scanner,rec.radio.noncomm,alt.radio.pirate

{{onnected Ronnie.

Hello. This is Ronnie Dobbs of the Hastings UFO Society Channeling to you by way of Madame Thelma on the Psychic CB Channel number 22, lower sideband, from an undisclosed location.

Here is the Feed information for the Inaugural Psicast of the Hastings UFO Society on the 1st PSYCHIC CB RADIO STATION IN CYBERSPACE:

Packet Number Description File Size
------------- ---------- ---------

PCBR950101-1 Introduction 1168591

PCBR950101-2 Invocation by Cybervangelist Rev. T. Rychess 1146968

PCBR950101-3 Possible Alien birth/coverup in Albania 1049805

PCBR950101-4i Spot Insert 247877

PCBR950101-5 BVM Watch Report: Live: H. Blount 1265504

PCBR950101-6i Spot Insert 238916

PCBR950101-7 BVM Watch Report: Live: H. Blount (cont'd) 1157038

PCBR950101-8i Spot Insert 263403

PCBR950101-9 Prnrmal Rpt: Mystery of Blackie the Chicken 1277591

PCBR950101-10i Spot Insert 264587

PCBR950101-11 Conclusion: 1265790
Public Announcements/Hastings Hummer Husbands

Known FTP Sites:

ftp://ftp.teleport.com/users/lynsared/hufos

ftp.santarosa.edu/hufos/

Home Page:

http://www.santarosa.edu/hufos/

Use Sox or Goldwin to convert from 8svx format. If using Sox, and the resulting sample is noisy, try setting the -tsb toggle.

HELPFUL HANDY HINTS

HHH #1: Our Psicast Packets are designed to stand alone so folks with small systems can take whichever one strikes their fancy, and download it without running up the phone bill too much, or tying up valuable disk space.

HHH #2: Our Psicast Packets are also designed to plug together, so if folks decide to take 2 or 3, then we suggest that they might also try and take an insert or two, as designated by the letter "i" in the filename, so as to have the satisfying radio experience of shameless advertising.

HHH #3: If you are one of the folks who are running Big Hardware, then please feel free to take as much as you like. Be sure and look for clusters of consecutive file numbers, as this will usually indicate a complete feed, or you can mix and match. All you have to do next, is to paste them together nice and tight in their numerical order, if you're going after a whole feed, and then get some coffee, or something, and listen to the Whole Thing. But we advise you that THERE ARE PEOPLE WHO DON'T WANT YOU TO HEAR THIS. So, it might be wise if listeners turn their lights off, or something, before they start, and STAY ALERT.

HHH #4: Aggressive Audiophiles might want to try taping the pasted audio onto a cassette and listen to it while driving on the highway, as Society Member Harlan U. Blount did this and reported that the Road and Wind Noise really added to the Audio Experience. Harlan also said that he thought it might be especially good real late at night.

HHH #5: If you don't have a car, or your license was taken away or something, and you can't get anybody to ride you around while you listen to our reports, then you might try taking your computer up into the attic or down in the basement, and listen to the reports there in order to get a sort of "feel" for the Spirit of Things.

HHH #6: As a Last Resort, you can try listening to our reports in places, and at times, when and where you are not supposed to.

We Hope you enjoy our Psicasts.

Thank You.

Ronnie Dobbs
President
Hastings UFO Society

NO CARRIER

40. Re: cellular band question

Newsgroup: rec.radio.scanner
Date: 1995-01-04 13:07:37 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1vtsp.8s1@nntpa.cb.att.com>
Source record: 263348
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <5e6aQrC.spider20@delphi.com>, <spider20@delphi.com> wrote:

>I have a Uniden sportcat 150, the manual clearly states that this scanner will
>not tune within the cellular frequency. I quickly found that not to be totally
>true. My question, to anyone that can answer is why can I hear these calls
>when the manual says that I can't.

While the manual is probably correct that your scanner "will not tune
within the cellular" phone band, it does NOT say you won't be
able to hear cellular phone signals. Note the distinction.

You are probably hearing what's termed an image, caused by
a natural ambiguity in the superheterodyne receiver. Manufacturers
employ bandpass filters between the antenna and succeeding stages in an
attempt to choose the proper signal but the filters are only
partially effective. Sometimes the image signals circumvent the filters
entirely by entering via the scanner's cabinet, as in the Radio Shack
PRO-2006 and early PRO-30.
--

==
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

41. Re: Price Police

Newsgroup: rec.radio.scanner
Date: 1995-01-04 13:39:00 UTC
From: kac4828@ariel.lerc.nasa.gov
Message-ID: <4JAN199509394518@ariel.lerc.nasa.gov>
Source record: 263349
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <marcbg-2712941328420001@net205.metronet.com>, marcbg@metronet.com (Marc B. Grant) writes...
>Whew. I knew I'd receive mail on this, but the magnitude is amazing. As
>many can tell, I am merely trying to raise this issue, since I've never
>seen it presented here before.
>
>As for the comments I've received as to Hamfest pricing, it's alot
>different when you're dealing with someone in person - at least you
>usually respect them, even if they are trying to sell a HT-101 for $950.
>You may wonder what they've been smoking, but at least you look at the
>price and move on, scratching your head.
>
>Another valid sentiment I received is to simply ignore the comments and
>keep on chuckin' - which is what I've been doing for three years now. I
>think with the advent of AOL, CIS, and the general internet explosion, we
>have more traffic, and despite the Usenet Sale Guidelines (which no one
>seems to read anymore!) there's alot of extraneous comments about pricing
>which just seem downright rude.
>
>I've changed my tune on one item - IMHO, it's alright for the person
>complaining about the price to post an email and newsgroup message - but
>for crying out loud, do so in good taste! It IS a good method for those
>unaware of pricing to see the general flow of things and determine for
>themselves if the item is overpriced.
>
>Don't get me wrong - I'm not for ripping anyone off - never have and never
>will be. But, there's fair pricing, there's outrageous pricing, and then
>there's pricing that makes you wonder if you'll burn your hand when you
>touch the unit.
>
>If this discussion turns a light on in one person, then I've accomplished
>what I was after - raising the consciousness of sellers AND buyers on the
>net concerning pricing, courtesy, and common sense.
>
>--
>Marc B. Grant
>marcbg@metronet.com
>Amateur Radio N5MEI

There is one item I would like to add to this thread. Hopefully it does
not apply to any of us :)

I have seen a number of older HF rigs advertised at close to what they
cost new! I realize with inflation and the cost escalation of new rigs

that a good price may be a little more, but:

When someone advertises a 'Great Novice Rig' and it costs as much as it did new, a newcomer needs a good elmer to help him in purchasing the right rig at a fair price.

It does not do much for this great hobby if a newcomer finds that they paid to much for their first rig. I think in this case the price police are justified in their followup postings.

Just my thoughts.

Tom NG3Q

42. Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-04 14:32:39 UTC
From: pritchas@oissvr.ColumbiaSC.NCR.COM
Message-ID: <D1vxqF.E6M@ncrcae.ColumbiaSC.NCR.COM>
Source record: 263350

Hi.I have a B.C.855xlt scanner and have an antenna question.
I just bought a rs discone[sp?] anteena and figured that it
would make my scanner pick up better all around.Well, i
mounted it on top of my house and everything picks up great
except chordless freqs.46-50.[Not that i would listen to
this range ;.>]
1.Why does it pick up better with the built on antenna?
2.Would any type of signal booster help?
3.Is my scanner a weak kneed wimp?
Thanx to all who respond!

43. Re: Scanners in a vehicle abroad

Newsgroup: rec.radio.scanner
Date: 1995-01-04 14:50:34 UTC
From: heglowstein@bix.com
Message-ID: <3eecjq$3nk@news1.delphi.com>
Source record: 263351

brian varine (varine@ece.orst.edu) wrote:
: I live in Oregon where my freedom to posses a scanner in a car is still a
: freedom. If I go to a more communist/totalitarian style state where it's
: illegal to use a scanner in you car and I get pulled over while just
: passing through, what will happen to me?
It varies. In some states you'll get a ticket which will cost you
money and/or a court appearance, or the police may just confiscate
the radio, legally or not. I'd imagine that if you're from a state
where there's reciprocity, they'd stick to the ticket route since
confiscation probably isn't legal in most places. If you're from
way out of state, they may just let you off with a warning or
take the radio and assume that it's too much trouble for you to
try and get it back.

Depending on the way you drive and the kind of antenna you
have on the vehicle though, the odds of getting caught *because
of* the scanner are pretty small. So many cars have VHF and cellular
antennas these days, that even a magnetic all-band antenna looks
legal-- they look a lot like CB antennas. O f course, if you're
driving along at 90 MPH and you get nailed for that, *and* they
see the scanner...

44. Re: AR8000 Delay Question

Newsgroup: rec.radio.scanner
Date: 1995-01-04 15:10:11 UTC
From: garyg@wimsey.com
Message-ID: <19950104.486F80.D773@wimsey.com>
Source record: 263379

In article <3eej5q$31q@eugene.convex.com> horak@convex.com (David Horak) writes:
> The latest Grove catalog and buyers guide, page 15, shows the
> programmable delay on this unit to be 1-99 seconds. I thought it was
> supposed to be .1-99 seconds. Would someone confirm this?

--
It is 0.1 seconds minimum and does allow delay OFF for no delay
--
Gary Gagnon

Some day this .signature might actually be worth reading

45. Re: Scanners in a vehicle abroad

Newsgroup: rec.radio.scanner
Date: 1995-01-04 15:25:47 UTC
From: jeffpmil@aol.com
Message-ID: <3eeelr$6il@newsbf02.news.aol.com>
Source record: 263353

Actually, there is little they can do legally - there is much they can do illegally.

You can beat the rap but not the ride.

1. They cannot expect you, legally to conform with their state laws if it works an undue burden on you. That is, disinstalling a radio just to drive through their state. You might just have to turn it off.
2. John Law just might want to grab it and confiscate it. Don't let hi do it. This is theft. The trouble is, "Give me your radio and I'll let you go..." is tempting when you don't want the hassle. A good defense is to see a magistrate immediately. Fight the confiscation and imply that the officer was willing to "let you go inexchange for consideration. Consideration being the radio...." This puts John Law in deep yogurt. It depends on where/when. State trooper and a magistrate with robes, okay. Deputy Cleetis A Whop and justis o da peace Marcel, probably not.
Be seeing you,
Number 6

46. Will a specific-band antenna help?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 15:37:17 UTC
From: achern@io.avl.umd.edu
Message-ID: <3eefbd$s83@umd5.umd.edu>
Source record: 263359

Currently I'm using a $50 Antenna-Specialist broad-band center loaded mag mount on my car with an RS-62 scanner. I'm mostly listening to the local police frequencies, so I'm considering the possibility of adding a second antenna "tuned" specifically to these bands. The frequencies that the police in this area use are in the 492-499 MHz range. Is a second antenna worth the trouble/cost? How much improvement in reception can I expect?

Also, where could I find such an antenna? I was browsing through the Yellow Pages a couple days ago and found a place listed under "RADIO" that specialized in law-enforcement equipment. Perhaps they could find what I need, but I'm not sure if they'll sell to the general public?

Thanks for any advice.

-Alex Chernyakov

47. Trident Receivers

Newsgroup: rec.radio.scanner
Date: 1995-01-04 16:02:30 UTC
From: tlindsey@st6000.sct.edu
Message-ID: <3eegqm$i2t@galileo.sct.edu>
Source record: 263357

I am in the market for a new scanner. I was wondering if anyone owns a Trident receiver. I have heard no talk about them yet. I was thinking of the new Trident TR4000. It has a wide coverage from 100 kHz to 2.06 GHz. It cost more than I want to spend but I feel it might be worth it in the long run. Let me know you input.

Tyler Lindsey Southern College of Technology Atlanta GA

tlindsey@st6000.sct.edu

48. scanner BBS's / Pro-62 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-04 16:33:31 UTC
From: achern@io.avl.umd.edu
Message-ID: <3eeikr$2f6@umd5.umd.edu>
Source record: 263358

I have two questions:

1) I haven't seen _any_ mention of mods or test modes for the pro-62. Is this because the scanner is relatively new, or because there is simply nothing of any interest that can be done to this scanner? I've checked all of the ftp and www sites that have been mentioned here over the past couple of weeks, but not one site had anything on the 62 (several had a mod and test-mode info for the 51, however). I checked about half a dozen of the "big" sites.

2) Several months ago someone posted a (big) list of scanner BBS numbers. Does anyone have that list? I'm looking primarily for 301/703/202 area code numbers.

Thanks for any help.

-Alex.

49. AR8000 Delay Question

Newsgroup: rec.radio.scanner
Date: 1995-01-04 16:42:34 UTC
From: horak@convex.com
Message-ID: <3eej5q$31q@eugene.convex.com>
Source record: 263360

The latest Grove catalog and buyers guide, page 15, shows the programmable delay on this unit to be 1-99 seconds. I thought it was supposed to be .1-99 seconds. Would someone confirm this? I am thinking about buying one of these (not from Grove) but NOT if the minimum delay is one second. Also, is the step size programmable to 30 Khz or would I have to use a 10 KHz step to achieve proper tuning through "certain" 800 MHz band freqs? (It's a real pain to watch my Yupi MVT7100 slug through these freqs at a 10 KHz rate)

Thanks,

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

50. Repair Tips for Bearcat Scanner Radios

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:12:12 UTC
From: parnass@ihlpf.att.com
Message-ID: <D1w54E.Awx@nntpa.cb.att.com>
Source record: 263381
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

Last changed: January 4, 1995. Lines changed since the |
previous issue are marked with a | character in the right |
margin.

REPAIR TIPS: BEARCAT SCANNER RADIOS

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part on CDROMS, in bulletin boards, networks, or
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Introduction

The original Bearcat scanner line was manufactured by
Electra of Cumberland, Indiana. In the mid 1980s, Uniden
bought out the Bearcat scanner line and Uniden's first
Bearcat scanner was the 800XLT model.

Most of the models discussed in this article are
base/mobile units made by Electra during the 1970s and
1980s. Electra stamped all of its scanners with a
manufacturing date code on the rear of the cabinet. The
code is comprised of a single character (C = Cumberland,
Indiana, P = Puerto Rico), followed by four digits denoting
year and week the radio was built. For example, "P8422"
denotes the radio was made in the Puerto Rico factory
during the 22nd week of 1984.

Schematics and Parts Available

Schematic diagrams may be obtained from Uniden/Bearcat's
parts department, (317)842-2483.

G & G Communications (telephone 716-768-8151) is a family
owned company which repairs scanners and stocks parts for
several older models, especially Electra/Bearcat and
Regency brands. They are located at 9247 Glenwood Drive,
LeRoy, NY 14482.

Electronic Repair Centers in Franklin Park, Illinois |
(telephone 708-455-5105) has been repairing Bearcat
scanners for several years. They charge a flat $45 repair
rate for programmable and $30 for crystal scanners, and
shipping is extra. Electronic Repair Centers will fix

Regency scanners if they can obtain the parts.

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem.

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In almost a dozen of the BC300 scanners I've fixed, C98, a | capacitor in series with the primary of the switching transformer failed, causing the output of the supply to drop below the level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The

22uF/16V capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I replaced the 22 uF capacitor in the switching power | supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden.

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times.

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints.

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate | pushbutton switch for this purpose. These scanners use a flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two

BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know if this is a common problem.

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition.

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board.

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the two pins with an X-Acto knife fixed the problem.

Other Problems

Complaints of low audio output and occasional microphonics | in two Uniden/Bearcat 800XLTs were caused by a bad 47 ufd electrolytic capacitor in series between the external speaker jack and audio amplifier.
--

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================================================================================
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414
```

51. Re: Lexington, KY police going to trunking.. :(

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:21:13 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1731CADB9S86.WALLY@ukcc.uky.edu>
Source record: 263391

In article <3edap3$d8a@news2.delphi.com>
KDAHLQUIST@news.delphi.com (KDAHLQUIST@DELPHI.COM) writes:

>If it has the scanner tones after each broadcast, then when the next
>natural disaster hits and if they don't disable them, they are going to
>be in a heep of trouble. Imagine every department trying to get through
>and the software blocking them for ten seconds after each transmission.

Actually, it's not the typical Motorola tones, it's not a tune.. It's
more like just beep BEEP beep BEEP beep.... Last about 1.5 seconds.
But I don't understand the purpose of them, the constant computer
control on every channel screws up scanner monitoring more than the
tones! It goes off about every 10 seconds for about 4 seconds. It
might not do so when channels are busy, however.

And strangely enough, I can only find 6 channels. Perhaps they are
only transmitting the six police channels currently, and will add more
channels for other services later..

--- _
Walter _ //
R ⌧X/ Wally@POP.UKY.EDU Wally@UKCC.UKY.EDU
Francis Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU

52. Re: Will a specific-band antenna help?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:25:55 UTC
From: horak@convex.com
Message-ID: <3eeln3$7il@eugene.convex.com>
Source record: 263362

In <3eefbd$s83@umd5.umd.edu> achern@io.avl.umd.edu (Alex Chernyakov) writes:

>Currently I'm using a $50 Antenna-Specialist broad-band center loaded mag
>mount on my car with an RS-62 scanner. I'm mostly listening to the local
>police frequencies, so I'm considering the possibility of adding a second
>antenna "tuned" specifically to these bands. The frequencies that the police
>in this area use are in the 492-499 MHz range. Is a second antenna worth the
>trouble/cost? How much improvement in reception can I expect?

I wouldn't invest in more antennas. If you already use an external
antenna and wish to pick up local stuff, you don't need any more gain
than you already have.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

53. Re: Mobile signal choppiness

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:28:11 UTC
From: tommyace@aol.com
Message-ID: <3eelrb$7a7@newsbf02.news.aol.com>
Source record: 263427

Thanks for the response. I guess I'll just have to figure out what's happening next time I hear "Squ-d eleven to --spatch, 10-50 in traffic, -----bound on interstate ------three, lane ----. I'm 10-2-, will adv-s-."
********** tOmMyAcE **********

54. PRO-2030 - Opinion request

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:33:21 UTC
From: FG <72662.1642@CompuServe.COM>
Message-ID: <3eem51$92s$1@mhadg.production.compuserve.com>
Source record: 263434

I'm looking for any opinions/thoughts on the PRO-2030 from RS.
Good value for the $$? Cell blocked? Mod sheet available? Etc.
The local RS has them on sale this month and it's a real
attractive price. Thanks for the input.

Enjoy.....
FG

55. Re: : PSYCHIC CB RADIO PSICAST CAUSES APPARITION :

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:36:19 UTC
From: cxc78@po.CWRU.Edu
Message-ID: <3eemaj$kt6@usenet.INS.CWRU.Edu>
Source record: 263364
Cross-posted to: rec.radio.shortwave,rec.radio.cb,rec.radio.scanner,rec.radio.noncomm,alt.radio.pirate

To Ronnie Dobbs and his psychic CB'ers.

The Christ apparitions are a hoax!

You've been deceived by a rascally heretic from Venice Beach, CA.

This long-haired, bearded fellow has been psychicly imprinting
his facial image on dishtowels, toast, sides of houses and
TV screen for years. We've been deceived!!!

Those extraordinary feats, acheived by extreme levels of
concentration, and the purchase of UFO books, crystals,
conspiracy theory reading, loneliness, maladjustment, "In
Search Of . . . " viewing, has put this fellow in "psychic"
equilibrium with other people around the world who are just
like him!

The big tip-off to the big hoax is that, though pictures
of Christ make him look like hippies on Venice Beach, they
look nothing like people from Nazareth.

If you want to see images of Christ, look for faces like the
trio of Nobel Peace Prize winners from last year. He would
look more like that.

And if you see a hippy's face in the fog of your bathroom
mirror, or on the spots of a dog, or in your next coffee
stain, curse that psychic hippy from Venice Beach . . . .
It's the only possible explanation.

56. Re: Lexington, KY police going to trunking.. :(

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:37:25 UTC
From: lrk@netcom.com
Message-ID: <lrkD1w6AD.49M@netcom.com>
Source record: 263365

In article <1731A14C96S86.WALLY@ukcc.uky.edu>,
Walter R Francis <WALLY@ukcc.uky.edu> wrote:
>I have found activity on 902.3625 - 907.3625 in 1Mhz steps that
>parallels the normal 6 channels they use, so I assume they are testing
>a new trunked system, and will be switching over soon.
>
>Crap.. :(Anyone know anything about what system they're using.. It
>has the 'scanner discourtesy tones' and seems to have computer control
>on each channel.. (About every 10 seconds it sends a loud buzz..)
>
>Thanks for any info.. I guess scanning the police will require a lot
>of hitting the SCAN button in the near future.. :(
>
These freqs don't fit any known plan. You probably are hearing
images for your radio. Try 856 - 866 and see if you find them there.

The GE system has one continuous control channel which can be any of the
available ones. Each talk channel has a short data burst at the beginning
of a transmission. Some systems have tones afterward. The systems here all
had those removed at once; perhaps a software upgrade.

It's likely they are going trunked. Check the Police Call book since most
cties get the freqs a couple of years before they get the funding and have
equipment to test.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@netcom.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

57. Re: 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:38:18 UTC
From: jhendricks@cuthbert.win-uk.net
Message-ID: <47@cuthbert.win-uk.net>
Source record: 263422

In article <3dsrgj$b11@newsbf02.news.aol.com>, Daryll1 (daryll1@aol.com) writes:
>Anybody know where I could purchase a decent antenna for the 240-300 MHz
>military satellites? This crummy discone just doesn't get it. How about
>making one from a VHF TV antenna? If the elements were trimmed to the
>correct length and the thing was aimed right, think it would work? OK, so
>the TV antennas are linear and the MilSats are circularly polarized
>(mostly), but with a decent preamp maybe it'll work. Anybody have any
>experience with this?
> Thanks.....Daryll
>

Daryll

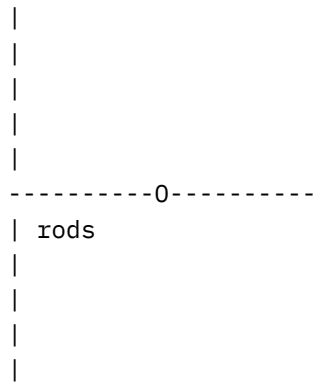
I used a crossed dipole for NOAA series VHF satellites and had a
vast improvement in signal strength. If you use a good quality
MAST HEAD FET preamplifier then you will get much better
reception...

It was some time ago that I used this and am not sure of the
dimensions but no doubt someone in the rec.ham will assist you.
I believe the crosses help with reception of the circularly
polarised signal...will have a go at drawing this for you:

```
\\ // __
\\ // /|
\\ // /
\\ // to satellite
\\ //
\\
\\ 0/\\
\\ 0// \\
\\ 0// \\
\\ 0 // \\
\\ 0 // \\
0
// \\
// \\
// \\
// \\
```

I promise I won't give up my day job!!!

The crosses are made of 12mm aluminium tubing fitted into
plastic or resin (you can make this yourself using a lid of an
aerosol can and poke the rods through small holes as below:



Lay flat on a table and balance or tape the rods to books of the appropriate type. You need to use coaxial cable loops to match the antenna impedence but I have lost the information...maybe someone else can help.

The two crosses are then space apart as in the original pic by aluminium tubing (about 30mm) through which feeder is passed.

The mast head preamp may not be necessary (as it requires power) and if you can get away without it all the better. If you need one you need a low noise fet front end amp. I'm sure these are best purchased commercially or in kit form and one for NOAA will have enough bandwidth for you up to 300Megs.

Sorry do not know full details but how that this has wet your appetite and you will be assisted by other netters with the rest.

Certainly worked very well on NOAA and I received noise free weather pictures direct on each pass in visual and IR.

Well CU later

Cheers

Jim

Anyway you point one of the crosses at the satellite and

_/ _/ _/ _/ _/ _/ Give someone 1 minute of help and
_/ _/ _/ _/ _/ _/ you'll be helped for a day in
_/ _/ _/ _/ _/ return...
_/ _/ _/ _/ anon
_/_/ _/ _/ _/

58. Re: Columbus, OH SWAT F

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:45:00 UTC
From: Laura Quarantiello <Laura.Quarantiello@f1207.n202.z1.fidonet.org>
Message-ID: <789241500@f1207.n202.z1.ftn>
Source record: 263366

BM>I have all the published trunk frequencies entered into
BM>consecutive channels of my PRO-43. Between its fast scan rate
BM>and turning off unrelated bands, I would have heard the SWAT
BM>teams if they were on the published channels. (My assumption)

Bill:
SWAT units (if they're smart, and most are) use very low powered
communications, usually not on the repeater system. You'd have to be
within a block to hear anything if this is the case with Columbus,
Ohio's SWAT unit.

Take care,
Laura

* OLX 2.1 TD * Cordless phones = tin cans and string

59. BC 8500XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-04 17:53:11 UTC
From: chris@ll.mit.edu
Message-ID: <3eena7$pag@testnews.llan>
Source record: 263367
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am looking to buy a BC 8500XLT, could anyone give me some unbiased opinions. I know, I know, "it sucks" etc..., but Bearcat is all that we ever buy, and we are happy with the results. At a later time, I will ask for opinions about other manufacturers.

Also, if there are any mods available for this radio.

Could anyone give me the names/phone numbers for some distributors where I could get "rock bottom prices"? I had a manufacturers coupon, however at the time I could not afford it and the coupon has since expired. I have seen them anywhere from $300.00 (w/coupone) to $650.00.

Any info give will be greatly appreciated!

Chris

60. Re: Help with 10-codes for NYC police?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 19:02:58 UTC
From: Howard Glassman <howkyle@delphi.com>
Message-ID: <ZK9Yora.howkyle@delphi.com>
Source record: 263368

Sally Strasser <sals@interport.net> writes:

>Does anyone else listen to NY police, though? What does it mean when
>they say "go to 10"? Is that another frequency and how would I find
>it, it doesn't seem to be on any lists I can find.

This refers to frequency 476.7375. It is not on a repeater and therefore you would only be able to monitor it if the party transmitting was really close to where you were. This frequency is also used for major event operations in Manhattan such as the T
imes Square detail on New Year's Eve.

E-mail me if you need anything else. Use this address though:
hglassma@drew.edu

61. Santa Clara Ca. PD 800 Freq

Newsgroup: rec.radio.scanner
Date: 1995-01-04 19:21:47 UTC
From: drp@netcom.com
Message-ID: <drpD1wB4B.9JG@netcom.com>
Source record: 263370

The Santa Clara Ca PD now is on 800 meg trunked. Does
anyone on the net have the details PL and frequencies.

Your Help is appreciated

Randy Petersen
drp@netcom.com

62. weather affect reception

Newsgroup: rec.radio.scanner
Date: 1995-01-04 19:47:48 UTC
From: uport@netcom.com
Message-ID: <uportD1wCBo.n0J@netcom.com>
Source record: 263386
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does heavy rain or any other type of weather affect scanner
reception in the higher frequencies?

What is the best antenna for 40-50 MHz?

rbd

63. Pro-46

Newsgroup: rec.radio.scanner
Date: 1995-01-04 20:04:20 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-0401951504200001@198.69.103.26>
Source record: 263378

Is it possible to modify a Pro-46 to scan cellular? I noticed that Rad
Shak has some of these leftover from last year for $189...

-Dave

P.S. Have a nice day.
--
Remember: If you have to ask, you don't want to know why.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

64. NASCAR freq's?

Newsgroup: rec.radio.scanner
Date: 1995-01-04 21:32:08 UTC
From: SAFS015@uabdpo.dpo.uab.edu
Message-ID: <1731CDA78S86.SAFS015@uabdpo.dpo.uab.edu>
Source record: 263374

```
can someone email me the freq's used by nascar crews and spotters
to talk to the drivers inthe cars? also can someone email me any
pro39 mods?
thanks in advance
sam s
safs015@uab.dpo
```

65. Re: Cordless phone reveals murder plot

Newsgroup: rec.radio.scanner
Date: 1995-01-04 21:36:03 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D1wHC4.80I@nctams1.uucp>
Source record: 263414

If I've just read the quoted text of the ban correctly, then only listening to the link from the handset to the base of the cordless phone is illegal. It looks like there is a nice little loop hole for listening to the base to handset signal. Good thing this happens to be the more interesting of the two... :)

```
*************************************************************************
*Unless otherwise stated, expressed view are my own. They may not be the *
*opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.*
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
*************************************************************************
```

66. Re: PRO-43 MOD FAQ???

Newsgroup: rec.radio.scanner
Date: 1995-01-04 21:45:25 UTC
From: mikev@fc.hp.com
Message-ID: <D1wHrp.MwB@hpcvsnz.cv.hp.com>
Source record: 263375
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Drew Houser (aa469@torfree.net) wrote:
: DAKIDD (Dakidd@voyager.cris.com) wrote:
: : In article <3dpevg$tsc@tiger1.ocs.lsu.edu>,
: : David B Baker <dbaker@tiger.lsu.edu> wrote:
: : >the battery compartment has an 'A' in it, then it is a post-ban
: : For what it's worth, my pre-ban Pro-43 carries a date code of 7A3, and has
: : been successfully modified. Dunno about the post-ban ones, since I've not
: : laid eyes on one.

: Can someone tell me what "pre-ban" and "post-ban" refer to? Thanks.

When the Feds put a clamp on the ability to import/sell a scanner that can be
modified for celluar freqs is the spot in time that this refers to. My Pro-43 is
in the post-ban and cannot be modified. Anything in pre-band time could be modified.

Mike

: --
: Have a Merry Christmas and a happy New Year.

: Drew Houser
: aa469@torfree.net

67. Re: SCANNING ON PASSENGER-post flight comments

Newsgroup: rec.radio.scanner
Date: 1995-01-04 22:03:08 UTC
From: ssavett@ucs.indiana.edu
Message-ID: <3ef5us$cpr@usenet.ucs.indiana.edu>
Source record: 263377

DctrHappy (dctrhappy@aol.com) wrote:
: Since I opened up this thread I felt it appropriate to tell you all what
: happened on my flight. First of all, I flew United and they said that NO
: radios of any kind can be operated at any point while in the aircraft.
: However, I decided to scan through 800 mhz shortly after takeoff. I
: realized that i couldn't pick up anything but some silent transmissions
: which appeared very strong. Perhaps some bleedthrough from the aircraft's

Luckily, on my recent Delta flights from Cincinatti to Philadelphia and
return, I was able to scan while the plane was at cruising altitude. It
specifically stated in the flight magazine that VHF scanners are allowed, so
I took advantage of that fact. I had a window seat and got reasonably good
reception with a rubber duckie antenna on my Pro-35. I used a
bud-type earphone so I didn't annoy the people around me. Overall, it
was a good way to occupy myself. And obviously, the plane did not
crash... :)
Best regards,

_____
-----Scott C. Savett-----------------------------\ _____\
SSAVETT@INDIANA.EDU -OR- SCSAVETT@ACAD.URSINUS.EDU ---\ _____
NREMT, IN EMT-A, PA EMT-M & instructor, AHA BCLS instructor_____ \
Chemistry Grad Student at Indiana University, Bloomington -- _____\ \
Analytical Chemistry-----home phone-(812) 323-1411----------_____\
http://copper.ucs.indiana.edu/~ssavett/home.html is the NCEMSF Home Page
*All views are my own and don't reflect IU's, or Ursinus'

68. Bearcat 2500

Newsgroup: rec.radio.scanner
Date: 1995-01-04 22:38:19 UTC
From: mws@mael.soest.hawaii.edu
Message-ID: <D1wK7v.5Er@news.hawaii.edu>
Source record: 263392

My father just got a Bearcat 2500 for Christmas, and noticed that the
FAQ mentions that there have been problems. We were just wondering
what the problems reported were with this unit?

Thanks in advance.

Michael
--
Michael Sawyer - My opinions are mine, not necessarily UH's, NSF's, or NASA's
University of Hawaii Physical Oceanography/Satellite Remote Sensing
PGP Key Fingerprint: F6 30 38 F5 E5 B2 13 EA 3E B3 CF 3C 6E 2E 9F D0

69. Re: Pro-46

Newsgroup: rec.radio.scanner
Date: 1995-01-04 22:53:30 UTC
From: paul_haring@jhuapl.edu
Message-ID: <paul_haring.7.0011E4CF@jhuapl.edu>
Source record: 263408

In article <jazzbo-0401951504200001@198.69.103.26> jazzbo@eliza.netaxis.com (Dave Hamilton) writes:
>From: jazzbo@eliza.netaxis.com (Dave Hamilton)
>Subject: Pro-46
>Date: Wed, 04 Jan 1995 15:04:20 -0500

>Is it possible to modify a Pro-46 to scan cellular? I noticed that Rad
>Shak has some of these leftover from last year for $189...
> -Dave

The PRO 46 already scans some of the cell band, and can be mod'd to open up the rest. The mod description shows up in this newsgroup periodically, and I think there's a site that has all/most of the radio shack mods. I have it archived on a floppy at home somewhere, mail me (at addr BELOW) if you want it.

I own a pro-46, and it's ok, not great. the squelch is too coarse, but you get what you pay for...

personal acct: javacat@access.digex.net -- Paul --

70. Pro 46 Touchpad Mod

Newsgroup: rec.radio.scanner
Date: 1995-01-04 23:16:35 UTC
From: dbarton@moe.cc.emory.edu
Message-ID: <3efa8j$o9n@emoryu1.cc.emory.edu>
Source record: 263380

Greetings. Since there have been some requests lately I thought I would repost this spiffy mod for the Pro-46. This will not restore full 800 MHz coverage, but it will restore the hole b/t 868.9375, and 896.1125 with straight 30 kHz steps. All standard disclaimers apply, including but not limited to the following:

It is not legal to listen to other people's telephone conversations with radio and/or scanner equipment. This modification is provided for information purposes only, not as an attempt to encourage people to commit illegal acts. No warranty is offered, or should be implied.

PRO-46 TOUCHPAD MOD

This mod will give you access to several frequencies not in the Pro-46's normal scanning range. It will require you to erase all currently entered frequencies, so I suggest that you write them down on paper *before* you begin this process.

1. Turn off the power.
2. While holding down the 2, 9, and L/Out keys, turn the power back on.

This will erase the currently entered frequencies, and input freq.s into the first 25 memories. Of particular interest are the freq.s in the following memories:

#14: 66.450
#15: 76.825
#16: 87.425
#23: 888.96

Each of these freq.s is outside of the normal scanning range of the unit. #14 and #16 are in the TV range, #15 is in the land mobile range, and #23 is in the cellular range.

To use any of these freq.s, first store them in a monitor memory,* then once you have reprogrammed your scanner you can place them into a regular memory. You can then use the manual scan feature to search through the ranges these frequencies give you access to. You still cannot enter frequencies in these ranges manually, but any freq. stored in a monitor memory can be transferred to a regular memory. Best of luck.

*To place into a monitor memory, open the squelch all the way (so you hear static) and push one of the arrow keys. This will start the manual scan feature, but the frequency should not change because the squelch is open. You can then press the Monitor button to store the freq.

Permission is hereby granted to copy, transmit, archive, or send this file by any medium as long as it is reproduced in its entirety. Many thanks to those who submitted the info originally (sorry I lost the names).

--
"No free man shall ever be debarred the use of arms. The strongest reason for the people to retain the right to keep and bear arms is, as a last resort, to protect themselves against tyranny in government." - Thomas Jefferson

71. Re: : PSYCHIC CB RADIO PSICAST CAUSES APPARITION :

Newsgroup: rec.radio.scanner
Date: 1995-01-04 23:54:28 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <HLHFyc1w165w@voxbox.norden1.com>
Source record: 263382
Cross-posted to: rec.radio.shortwave,rec.radio.cb,rec.radio.scanner,rec.radio.noncomm,alt.radio.p

```
-----BEGIN PGP SIGNED MESSAGE-----

hufos@freenet2.scri.fsu.edu (Hastings UFO Society) writes:

> This concludes our SPECIAL BULLETIN.
>
>
> Thank You.
>
>
> Ronnie Dobbs
> President
> Hastings UFO Society

tee hee

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBLws1WN74r4kaz3mVAQGSzwQAspiyronS6ILVRomynzBPBddkjhGc35fv
Zcf5TjvXAvuKqi1WRbpreQjQj85B3gwegyQJV24c97fItf8OG/rhnOLF0NMuSAv8
xUpMQhCCkBbdFIxNVi7QqwnMcENJqYV30vSmyS47e35krlbx2KDb2iy4J+WrmYWC
CpqnPnzv7YA=
=CV9I
-----END PGP SIGNATURE-----
```

72. Re: Help with 10-codes for NYC police?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 00:05:17 UTC
From: ligosa@pipeline.com
Message-ID: <3efd3t$k31@pipe4.pipeline.com>
Source record: 263383

Channel 10 is NYPD Citywide 1 on 476.7375 and it indeed IS a published
REPEATER frequency which allows you to hear both sides of the
communication. I believe Howard is referring to channel
9 which are point to point "Repeaterless" frequency's which are different
for each borough.

--
Chris Barbosa
Ligosa Entertainment Corp. NYC
Email Address - ligosa@pipeline.com

73. SCANNER BUFF NEWS

Newsgroup: rec.radio.scanner
Date: 1995-01-05 00:18:11 UTC
From: YPSE19A@prodigy.com
Message-ID: <3efds3$176u@usenetw1.news.prodigy.com>
Source record: 263406

Please E-mail me all scanner related stories. Your best experiances with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area. I will reconize your writtings in a Newsletter called SCANNET NEWS. I will also post the Newsletter on a BBS, that has a gateway all over the USA. Anyone sending me stories can have a copy of the Newsletter and will have the BBS access attached .
There are many SCANNET NEWS articles to read.

Anyone interested please e-mail me your ID

-
NICHOLAS MESSINA YPSE19A@prodigy.com

74. Re: Trident Receivers

Newsgroup: rec.radio.scanner
Date: 1995-01-05 00:33:49 UTC
From: schuster@panix.com
Message-ID: <3efepd$dvl@panix3.panix.com>
Source record: 263398

In article <3eegqm$i2t@galileo.sct.edu>,
Tyler Lindsey <tlindsey@st6000.sct.edu> wrote:
>I am in the market for a new scanner. I was wondering if anyone owns a
>Trident receiver. I have heard no talk about them yet. I was thinking of
>the new Trident TR4000. It has a wide coverage from 100 kHz to 2.06 GHz.
>It cost more than I want to spend but I feel it might be worth it in the
>long run. Let me know you input.

Trident is the brand that ACE Communications started using for scanners
they had previously sold under the AOR brand name. They lost the right to
sell/distribute AOR in the US (EDCO/EEB now does).

AOR models have ranged from awful to quite good. Their quality control
tends to spotty, and (except for the recent AR8000 which is manufactured
by a different source) have obtuse ergonomics.

IMHO the biggest problem with the "Trident" brand is having to deal with
ACE Commications.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

75. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-05 00:46:54 UTC
From: tharrell@nmsu.edu
Message-ID: <3effhu$ops@dns1.NMSU.Edu>
Source record: 263384

lou@gary.com wrote:
: Another thing, one would have to blame themselves if any information
: about themselves got out over a Cordless phone. Why? Well, first of all,nner
: all of the Cordless Phone manuals I've seen do warn, even in small print,er
: that your conversations can be picked up by receivers.

It's been years since I saw the manual that came with my cordless phone, so
I can't agree or disagree. However, my wife just purchased a cellular
phone, and nowhere on the box or the manual does it state the possibility
of calls being intercepted. I'll have to give a bit of credit to the Contel
sales rep, though - he did acknowledge the possibility of it happening,
and mentioned the existence of scanners out there with the capability.
--
| T.J. Harrell III tharrell@nmsu.edu | _\| /\ |/_
| NRA KC5KTO weasel@acca.nmsu.edu | \ / \ /
| Scanning, ham radio, and more: | / \
| http://rever.nmsu.edu/~weasel/ | /______\

76. Mobile CB/scanner antennas, magic boxes, etc.

Newsgroup: rec.radio.scanner
Date: 1995-01-05 00:52:38 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <95004.195238DCS4@psuvm.psu.edu>
Source record: 263419
Cross-posted to: rec.radio.cb,rec.radio.scanner

Hi folks;

Recently traded cars. The old vehicle (1989 Cavalier) had the regular AM-FM antenna, a radio shack cellular look-alike scanner antenna, and and *old* magnetic mount cb antenna on the trunk lid.

I'm thinking of retiring the old cb system anyway. The radio is an old 23 channel and leaks signal all over -- it actually interfered with the scanner on various channels -- and I rarely used it anyway. Only in a traffic jam when I was hoping to find someone near the front who could tell me what was happening...

Interestingly enough, my scanner (Bearcat 100xlt) seems to work pretty well in the new car with just the rubber duck antenna. But a handheld cb radio (radio shack trc-207, I think) I experimented with to see if it could stand in for the old cb in an emergency doesn't seem to pick up in the car *at all*. Why would that be?

Regardless, on to the magic box question. A couple of vehicles ago, I had one that had a little metal signal splitter box that allowed you to use the car antenna as a cb antenna. It wasn't as good as a stand-alone cb antenna, but it was more than adequate for listening and so-so for broadcast.

I looked in Scanner World and the Radio Shack catalogs for anything similar but came up empty. Does anybody know if anybody still makes such a device for either cb or scanner use? I kinda hate to hang auxiliary antennas all over the new car, you know?

By the way, if anybody cares, the new car is a 1993 Chevy Lumina.

Thanks for the advice! - Dave

77. Re: scanner laws

Newsgroup: rec.radio.scanner
Date: 1995-01-05 00:54:24 UTC
From: julian@kesteven.win-uk.net
Message-ID: <378@kesteven.win-uk.net>
Source record: 263412

In article <3e8ip6$rqv@hal9000.apana.org.au>,
Matthew Volkmer (matthew@hal9000.apana.org.au) writes:

>Can someone tell me about scanner laws overseas?
>
>Here in Australia there are NO laws regarding scanners except that you
>cant listen to mobile phones (Can buy the scanners with 800mhz coverage
>though!) and you arent supposed to repeat what you hear. (Not really
>enforced though).
>
>We can drive wherever with it and go wherever. No restrictions except
>inside planes.
>
>Is it different overseas? Can you listen to police? etc etc etc
>
>Cheers
>matthew@hal9000.apana.org.au

Well, here in Britain, our Wireless & Telegraphy Act 1949, as
amended, restricts our legal listening to very little (I sha'n't
bore you with the details, but can mail them if you wish). The
'80s saw the introduction of a modified communications intercept
act, the combination of these two comprising, effectively, a
"catch-all". We are not allowed to listen to the various emergency
services, cellphones, cordless, etc., but that is but a very small
proportion of our restrictions. we are not even allowed to listen,
in the comfort of our own homes, let alone at an airfield, airshow,
etc., to the VHF civil airband!

mail me for more info/views if you wish.

Regards,
Julian.

--
/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
0181 723 6415 (International: +44 181 723 6415) ||	
The views expressed herein are my own. They are also		\ V /
those of the company, coincidentally.		_____/
\==/ \================/

78. Re: 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:13:17 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950104171129.22846B-100000@holmes.ece.orst.edu>
Source record: 263385

On Wed, 4 Jan 1995, Jim Hendricks wrote:

>
> In article <3dsrgj$b11@newsbf02.news.aol.com>, Daryll1 (daryll1@aol.com) writes:
> >Anybody know where I could purchase a decent antenna for the 240-300 MHz
> >military satellites? This crummy discone just doesn't get it. How about
> >making one from a VHF TV antenna? If the elements were trimmed to the
> >correct length and the thing was aimed right, think it would work? OK, so
> >the TV antennas are linear and the MilSats are circularly polarized
> >(mostly), but with a decent preamp maybe it'll work. Anybody have any
> >experience with this?

Why bother?
It's digital and encrypted.

79. Re: 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:15:06 UTC
From: julian@kesteven.win-uk.net
Message-ID: <379@kesteven.win-uk.net>
Source record: 263413

In article <47@cuthbert.win-uk.net>,
Jim Hendricks (jhendricks@cuthbert.win-uk.net) writes:
In article <3dsrgj$b11@newsbf02.news.aol.com>,
Daryll1 (daryll1@aol.com) writes:

>>Anybody know where I could purchase a decent antenna for the 240-300 MHz
>>military satellites? This crummy discone just doesn't get it. How about
>>making one from a VHF TV antenna? If the elements were trimmed to the
>>correct length and the thing was aimed right, think it would work? OK, so
>>the TV antennas are linear and the MilSats are circularly polarized
>>(mostly), but with a decent preamp maybe it'll work. Anybody have any
>>experience with this?
>> Thanks.....Daryll

>I used a crossed dipole for NOAA series VHF satellites and had a
>vast improvement in signal strength. If you use a good quality
>MAST HEAD FET preamplifier then you will get much better
>reception...
>
>It was some time ago that I used this and am not sure of the
>dimensions but no doubt someone in the rec.ham will assist you.
>I believe the crosses help with reception of the circularly
>polarised signal.

reducing the dipole lengths by half would be almost ideal, though
given the higher downlink frequency, I'd prefer (please forgive the
concept being, strictly, erroneous) a helical "Yagi". Has anyone
used one of those "slinky" spring toys, suitably mounted?

Regards,
Julian.

--
/==\ /================\
Julian C. Grammer (julian@kesteven.win-uk.net)		(G1EKW)
Kesteven Communications, London W13, UK		(0) - (0)
0181 723 6415 (International: +44 181 723 6415) ||	
The views expressed herein are my own. They are also		\ V /
those of the company, coincidentally.		_____/
\==/ \================/

80. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:27:52 UTC
From: HDTJ44A@prodigy.com
Message-ID: <3efhuo$7ahu@usenetp1.news.prodigy.com>
Source record: 263387

Usually you can hear anything within 1-1/2 miles, of your scanner
depending on the type of antenna. These are fun at first, but often get
boring -- try the
baby monitors ~39Mhz these are fun.

-
RODNEY MOORE HDTJ44A@prodigy.com

81. Re: BC 8500XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:28:55 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1ws47.DwL@nntpa.cb.att.com>
Source record: 263463
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3eena7$pag@testnews.llan>,
Chris DeSesa <chris@ll.mit.edu> wrote:

>I am looking to buy a BC 8500XLT, could anyone give me
>some unbiased opinions. I know, I know, "it sucks"
>etc..., but Bearcat is all that we ever buy, and we are
>happy with the results....

Hold on for a few weeks and look at the new BC 9000XLT instead.
It is Uniden's replacement for the BC 8500XLT and has new features.

I've been testing a new BC 9000XLT and my review will appear
in a future issue of Monitoring Times.

I'd like to buy a BC 9000XLT for myself if I can find a good deal,
so that should tell you something about how I like it.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

82. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:40:27 UTC
From: jmmorrison@aol.com
Message-ID: <3efimb$bat@newsbf02.news.aol.com>
Source record: 263388

The Motorola Advisor has a limit of about 1200 characters per message. Its the paging services that limit the page length. Usually they're limited to either 80 or about 230-240 characters.

John M Morrison, Detroit, MI

83. Bearcat 8500 xlt for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:47:16 UTC
From: harvey@america.com
Message-ID: <3efj34$naj@enterprise.america.com>
Source record: 263389

Have a like new bearcat 8500 xlt for sale. Have orig box, manuals, etc.

I had Bearcat install the latest modification boards and put in an external speaker jack.

Unit hardly used, I was original purchaser.

Am a police officer and wife hates it in my personal vehicle along with 3 two ways and cellular!

(904) 322-9999 Voice (Daytona Beach)
(904) 322-9996 Fax
or email

84. Re: rec.radio.scanner FAQ list, or FTP site list?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:52:51 UTC
From: jaymark@ix.netcom.com
Message-ID: <3efjdj$rfv@ixnews3.ix.netcom.com>
Source record: 263390

In <pschleck.788723972@gonix> pschleck@gonix.com (Paul W Schleck KD3FU)
writes:

>
>In <8V9ZXc6w200w@alcyone.darkside.com> max@alcyone.darkside.com (Erik
Max Francis) writes:
>
>>I've searched through the newsgroup and news.answers and haven't been
>>able to find a FAQ list for rec.radio.scanner. Does one exist?
>
>>What I'm really looking for is a storehouse of documents on scanning
>>(primarily looking for frequencies). Does one exist via ftp?
>
>Bob Parnass maintains a suite of articles, but they aren't
>cross-posted to news.answers (they *are* crossposted to
>rec.radio.info, though). Since they are registered Usenet Periodic
>Information Postings (see news.lists), they are also archived at
>rtfm.mit.edu every time they are posted. You can obtain them via:
>
>ftp://rtfm.mit.edu/pub/usenet/rec.radio.scanner/
>
>or via E-mail server:
>
>mail-server@rtfm.mit.edu
>
>put in the body of the message:
>
>help
>index usenet/rec.radio.scanner
>
>(Alert readers may have already deduced that this trick generally works
>for most other newsgroups as well. Substitute the newsgroup name for
>"rec.radio.scanner" above.)
>
>--
>Paul W. Schleck, KD3FU
>pschleck@gonix.com
>
>

Does anyone have the latest frequencies for Marin County California
police and fire departments?
Respond to jaymark@ix.netcom.com

85. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-05 01:57:53 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <D1wtGI.FJM@swcp.com>
Source record: 263409

>
> >Where's the discrepancy? If you'll agree that both are illegal, then
> >shooting someone is a stupid, violent act but listening in on some
> >one's private conversations illegaly is just as stupid and just
> >as intrusive. I used this bizare alalog to make my point. I've
> >seen post after post where people claim that invading someone
> >else's privacy is legitimate "entertainment" and that "since the
> >electromagnetic waves pass through my body, *my* privacy is
> >being invaded so I have a right to listen in." What nonsense!
>
> I think you are missing their point. The arguemtent goes that if someone
> is actually sending signals to you, then you *should* have no reasonable
> expectation of privacy. By its very nature, both cellular and Cordless
> (and AirPhones too) are broadcasts not point to point narrowcasts and
> therefore are not secure. If confidential material is being broadcast (a
> bad idea to start with) it *should* be the responsibility of the
> broadcaster to preperly encript/encode that information. Even so they
> should realize that the information is still not secure. The laws used to
> reflect this, but with more and more people (especially business
> professionals) getting cellular, they began demanding legal protections.
> So the laws went away from reality to what the people want. I think this
> was a mistake because it may tend to give some people and unrealistic
> sense of security.
>

At least we agree on one point - public safety channels are *much*
more entertaining. But your point on "narrowcasting" vs "broadcasting"
leaves me curious. When I pickup my cellular phone, dial the number
of a specific person - with the intent that my conversation is
specificall for that person, the quintessential definition of
narrowcasting? As a HAM, if I pick up a mike and make a general
call to anyone listening with the intent of starting a conversation,
isn't that, in a sense, broadcasting? I *know* that many people
will be listening and, in fact intended that by transmission be
heard by as many people as possible to start the contact.

If I want to make a secure phone call, I'll use a STU III.
Just because the STU III plugs into a regular phone jack doesn't
mean that the line is *secure*. In many cases, the transmission
may go over a microwave link which can easily be intercepted
with the right equipment. (Decrypting the intercept isn't so easy!)

My point is that I believe there is a difference between privacy
and comsec (communications security). One depends on technology
for security and the other on the law for privacy. If we continue

to choose which laws we're going to obey and which we decide to break, based on our own standards, we're done for.

If we don't like the anti-cellular monitoring law, then work to change the law!

86. >>>> PRO 32A For Sale <<<<

Newsgroup: rec.radio.scanner
Date: 1995-01-05 02:03:00 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <D1wtp2.Fn2@swcp.com>
Source record: 263415

200 channels in 5 bands to 512 Mhz. Original box and instructions.
$90.00 plus postage and COD.

E-mail if you are interested.

87. Connectors for Andrew 1/2 inch Heliax Wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-05 02:56:26 UTC
From: crisp@ecsvax.uncecs.edu
Message-ID: <D1ww5B.BH0@ecsvax.uncecs.edu>
Source record: 263420
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner

Hello everyone.

I have some Andrew 1/2 inch hardline, model FSJ4-50B. I need 2
connectors that will attach to this cable, and allow a male
pl-259 connector to be attached. Anyone have these things,
or know of a source?

Thanks.
rc
--
Russ Crisp, Systems Analyst | Ham Call: KA4UXZ
Western Carolina University | BITNET: crisp@wcuvax1.bitnet
Business Affairs Division | Internet: crisp@wcu.edu
Room 311-A, HFR Building | Voice: (704) 227-7003

88. Re: OS456

Newsgroup: rec.radio.scanner
Date: 1995-01-05 03:00:10 UTC
From: tonyrush@bga.com
Message-ID: <3efnbq$1vn@giga.bga.com>
Source record: 263421

In <droyD1tKA2.KEJ@netcom.com>, droy@netcom.com (Dave Roy) writes:
>Jay Ward (jaywward@gate.net) wrote:
>: Jay Ward (jaywward@gate.net) wrote:
>: : Hi all, I just installed the OS 456 in my 2006. I was really disapointed
>: : that the software that came with it seemed to be all demo, by third party
>: : sources. Kind of incomplete if you ask me, anyway I'm in need of
>: : guidance on what software to purchase for this beastie. All comments
>: : appreciated.
>
>: : jaywward@gate.net
>: --
>
>I have a program I got at a ftp site called rm.zip.
>for radio manager. It works well with 456. Forgot which ftp site I got
>this from but I can mail you a uuencoded copy on the net or a disk.
>This is a demo and you can buy the full program for not much money.
>I too was disapointed that you can spend 300.00 for some hardware and
>they can't include REAL SOFTWARE!!
>
>Let me know.
>Dave kb6hlr.....
>
>
I too was disappointed with the software that came with my OS456. Even
the demo software appears to be a mere extension of the front panel controls.
While some things are definite improvements, such as search logging, it
appears that the software designers had no real idea of how a computer
can really assist scanning. I expect there to be major advances in this
area in the next 1 or 2 years.

-Tony tonyrush@bga.com

89. Re: scanner laws

Newsgroup: rec.radio.scanner
Date: 1995-01-05 03:02:16 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <789274936.142snx@n2ayj.overleaf.com>
Source record: 263393

In article <3e8ip6$rqv@hal9000.apana.org.au> matthew@hal9000.apana.org.au writes:
>Here in Australia there are NO laws regarding scanners except that you
>cant listen to mobile phones (Can buy the scanners with 800mhz coverage
>though!) and you arent supposed to repeat what you hear. (Not really
>enforced though).
>
My limited, over-simplified comments...

The Communications Act of 1934 says you can't repeat what you hear
unless it was broadcast to the general public or intended for you.

The Electronic Communications Privacy Act prohibited cell phone
reception and I believe now includes cordless phones.

Use of scanners can vary from jurisdiction to jurisdiction. Here in
New Jersey, it used to be a no-no to have a scanner in your car that
was capable of listenting to emergency communications without a permit.
That has been changed, due, in part, to the massive efforts of the
amateur community. A number of new ham transceivers had the ability to
scan police frequencies and radios were being confiscated and innocent
hams were being arrested. Here's The Law...

LEGALESE: New Jersey Statutes Annotated (NJSA) 2C:33-21:
"Any person who intercepts any message or transmission made on or
over any police, fire or emergency medical communications system, or
any person who is the receipient of information so intercepted, and who
uses the information obtained thereby to facilitate the commission of or
the attempt to commit a crime or a violation of any law of this State, or
uses the same in a manner which interferes with the discharge of police
operations, shall be guilty of a crime of the fourth degree".

ENGLISH: You can listen, but don't use the info to be bad or mess with
the police or we bust your butt. (A "crime of the fourth degree" is a
misdemeanor.)

LEGALESE: NJSA 2C:33-22
"Any person who, while in the course of committing or attempting to
commit a crime, including the immediate flight therefrom, possess or
controls a radio capable of receiving any message or transmission made
on or over any police, fire or emergency medical communications system,
shall be guilty of a crime of the fourth degree."

ENGLISH: If you're eluding capture by listening to us chase you, we
will bust your butt.

Interestingly, "radar devices used to monitor vehicular speed" are
specifically excluded. There i$ no $ubtantial $upporting evidence

of $ugge$tion$ from the manufacturer$ of the$e device$ that thi$
provi$ion be in$erted. ;-)

Now, ask me about Use of Remotely Activated Paging Device by a Minor...

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com
"If you work hard and apply yourself, you will succeed. It's really not
all that complicated." - R. David Thomas

90. Re: Lexington, KY police going to trunking.. :(

Newsgroup: rec.radio.scanner
Date: 1995-01-05 03:21:29 UTC
From: jeff liberman <jeffl@evansville.net>
Message-ID: <3efojp$i1e@info.evansville.net>
Source record: 263394

> Crap.. :(Anyone know anything about what system they're using.. It
> has the 'scanner discourtesy tones' and seems to have computer control
> on each channel.. (About every 10 seconds it sends a loud buzz..)
>
> Thanks for any info.. I guess scanning the police will require a lot
> of hitting the SCAN button in the near future.. :(
>
> -

Yes unfortunatly this has to be the dreaded Erricson/GE trunk system

We have had this sad system for three years now in Evansville, In.

It is the worse to try to monitor.

Wait till they add digital scrambling, and MDT.

Jeff

jeffl@evansville.net

91. Re: Lexington, KY police going to trunking.. :(

Newsgroup: rec.radio.scanner
Date: 1995-01-05 03:27:50 UTC
From: jeff liberman <jeffl@evansville.net>
Message-ID: <3efovm$i1e@info.evansville.net>
Source record: 263395

KDAHLQUIST@news.delphi.com (KDAHLQUIST@DELPHI.COM) wrote:
>
> If it has the scanner tones after each broadcast, then when the next
> natural disaster hits and if they don't disable them, they are going to
> be in a heep of trouble. Imagine every department trying to get through
> and the software blocking them for ten seconds after each transmission.
>
>
Well here the GE system tones would be over rided by a key down of the mic.

We had a plane crash a few years ago and the GE system did fine on
six voice channels.

Jeff

jeffl@evaneville.net

92. Re: Lexington, KY police going to trunking.. :(

Newsgroup: rec.radio.scanner
Date: 1995-01-05 03:33:57 UTC
From: jeff liberman <jeffl@evansville.net>
Message-ID: <3efpb5$i1e@info.evansville.net>
Source record: 263396

> The GE system has one continuous control channel which can be any of the
> available ones. Each talk channel has a short data burst at the beginning
> of a transmission. Some systems have tones afterward. The systems here all
> had those removed at once; perhaps a software upgrade.
>
>Wait Lyn, you have a GE system that had all the antiscanner tones
and now they have new software and no more TONES.

Please check that out ,maybe there is hope for us who listen to GE trunking.

Jeff

jeffl@evansville.net

93. Looking for cell-capable handheld. Options?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 03:42:20 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-0401952242200001@198.69.103.26>
Source record: 263397

As the subject says, I'm looking for a Cell-capable handheld scanner (like the old Pro 43's). If anyone HAS one that they are selling, lemme know. Otherwise, what's available on the new market today? ANYTHING at all? Does the new "orange dot" Pro-46 have a mod available? Or is it completely blocked?

-Dave

P.S. Have a nice day.
--
Remember: If you have to ask, you don't want to know why.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

94. Re: out of country scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-05 04:34:14 UTC
From: steven@sgb.oau.org
Message-ID: <D1x0p3.4qE@sgb.oau.org>
Source record: 263399

Ki4je (vhealey@crl.com) wrote:
: Are illegal to import if they are full coverage.

Well. Since you asked, I will answer... You forgot the ? at the end.

They are not illegal if they are imported for personal use in quantities not to exceed (3) per shipment and not for the purpose of resale. As a non-FCC certified device, ANY non-certified device can be imported. The device does not need to even be imported for consideration of certification or even be acceptable / ie compliant with the other regulations. Non-certified means NON-CERTIFIED or NON-CERTIFIABLE. Therefore, Atlantic in Canada can offer a money-back guarantee if your scanner does not safely arrive, and not one from Javiation has had any problem.

Obviously, you are not aware of the full coverage capability or even it's ability to be restorable easily. Believe me, nothing will stop them.
Long live international trade, to h*ll with US sales.

Steven
--
Steven G. Bradley | The Forest City Exchange | H) 407/862-7226
System Administrator | Forest City, Florida | W) 407/578-8007 x1196
| (407) 862-8088 (407) 788-8088 | steven@gate.net
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | sbradley@netcom.com

95. Re: DTMF Decoder for Windows

Newsgroup: rec.radio.scanner
Date: 1995-01-05 04:48:36 UTC
From: dans@rehab1.UUCP
Message-ID: <1142@rehab1.UUCP>
Source record: 263402

In article <3e81m2$483@news.panix.com> dataman writes:
>>
>>Has anyone come across a DTMF decoder (for soundblaster), which operates
>>under windows (or even a GOOD one that operates under DOS)? I have a
>>Fast Fourier Transform Program which will show the frequencies, but it is
>>pretty time consuming to match up all those frequencies with the digit!
>>Thanks.
>>
>there is alot of stuff for soundblaster and cardinal dsp sound card

Care to supply any pointers as to what or where?

-Dan
--
|\ /|
E-Mail: dans%rehab1@canal.org 'O.O' Reading Rehabilitation Hospital
(or) : rehab1!dans@canal.org =(___)= RD 1 Box 250
Fax : (610) 796-6342 U Reading, PA 19607

96. Re: Columbus, OH SWAT FREQ

Newsgroup: rec.radio.scanner
Date: 1995-01-05 05:00:12 UTC
From: tomswisher@aol.com
Message-ID: <3efucs$do5@newsbf02.news.aol.com>
Source record: 263403

On the Columbus trunked system, most "tactical" stuff is indeed scrambled using DES. A good way, however, to improve your chances of hearing what you want to hear:
1. program the frequencies in descending order
2. lock out the following freqs in addition to the data channel: 859.9375, 857.4875, and 856.4875. These are normally dedicated to telephone interconnect use and are not part of the regular trunking rotation unless the system is *extremely* busy. You could prpbably get by not even programming them in at all.
3. Do not program in the frequencies that end in .7625 at all. They are dedicated to the mobile data terminal system.

Doing the following will improve you chances of hearing what you want to hear.
****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

97. Re: Ramsey

Newsgroup: rec.radio.scanner
Date: 1995-01-05 05:02:30 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.789282150@vela.acs.oakland.edu>
Source record: 263426

I have the speech inversion kit, works great very easy to put together.
I spent about an hour and a half building it (1st kit I ever put
together) and had no problem getting it to work.

Neil

--

N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

98. Re: Pro 43 mod help needed

Newsgroup: rec.radio.scanner
Date: 1995-01-05 05:11:08 UTC
From: clay@npr.legent.com
Message-ID: <clay-0401952311080001@mac16.i88.isc.com>
Source record: 263404

In article <D1JK52.48B@world.std.com>, gdallal@world.std.com (Jerry Dallal) wrote:

> David Voelker (dvoelker@leland.Stanford.EDU) wrote:
> : >A in serial number = no
> : >no A in serial number = yes
>
> : Could someone else please confirm or refute this in the case of
> : Pro-43's? I know for a fact that it is _not_ true of Pro-39's, having
> : modified one with an "A" in the SN.
>
> I know you don't believe me, but believe me. It's true. No one has
> reported modifying a 43 with an A in the serial number; no one has
> reported being unsuccessful modifying a unit without the A in the S/N.
> A 39 is not a 43.

The number in question is not the serial number; it's the FCC ID, which is on the back. An FCC ID of 20-300 (there may be some preceding chars, I don't remember) is modifiable. An FCC ID of 20-300A is not. As someone mentioned, the FCC ID's with the A on the end is a new design, sans diodes.

--
Clay Lambert
clay@npr.legent.com

99. MD State Police Freq/Info

Newsgroup: rec.radio.scanner
Date: 1995-01-05 05:12:06 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3efv36$jgq@umd5.umd.edu>
Source record: 263405

```
WARNING: This is a LONG post.

-------------[ Files obtained from Radio Scanner BBS: 703-207-9622 ]-----------

**********************************************************************
** MARYLAND STATE POLICE FREQUENCIES AND BARRACKS LIST **
** COMPILED BY **
** PFC FRANK CARSON #1482 PG COUNTY POLICE **
**********************************************************************

CHANNEL LISTING

CHANNEL 1 39.10
CHANNEL 2 39.26
CHANNEL 3 39.30
CHANNEL 4 39.34
CHANNEL 5 39.14
CHANNEL 6 39.32
CHANNEL 7 39.38
CHANNEL 8 39.24
CHANNEL 9 39.52
CHANNEL 10 39.04
CHANNEL 11 39.06
CHANNEL 12 39.40
39.66

BARRACK LISTING

BARRACK FREQUENCY

A JESSUP 39.06
B FREDERICK 39.40
C CUMBERLAND 39.24
D BELAIR 39.34
E SALISBURY 39.06
F NORTH EAST 39.40
G WESTMINSTER 39.52
H WALDORF 39.24
I EASTON 39.30
J ANNAPOLIS 39.14
K SECURITY 39.38
L FORESTVILLE 39.34
M PERRYVILLE 39.34
N ROCKVILLE 39.32
O HAGERSTOWN 39.34
P GLEN BURNIE 39.04
```

Q COLLEGE PARK 39.30
R VALLEY 39.38
S CENTREVILLE 39.32
T LEONARDTOWN 39.38
U PRINCE FREDERICK 39.52
V BERLIN 39.24

PORT OF BALTIMORE MSP 154.725

----------[End of File 1]

****
** MARYLAND STATE POLICE TEN CODES **
** COMPILED BY **
** PFC FRANK CARSON #1482 PG COUNTY POLICE **
****

10-1 CAUTION
10-2 UNABLE TO COPY
10-3 STOP TRANSMISSION
10-4 OK
10-5 RELAY
10-6 STAND BY
10-7 OUT OF SERVICE
10-8 IN SERVICE
10-9 REPEAT
10-10 FIGHT IN PROGRESS
10-11 DOG CASE
10-12 STAND BY
10-13 WEATHER/ROAD REPORT
10-14 PROWLER REPORT
10-15 CIVIL DISTURBANCE
10-16 DOMESTIC PROBLEM
10-17 MEET COMPLAINANT
10-18 COMPLETE ASSIGNMENT QUICKLY
10-19 RETURN TO ...
10-20 LOCATION
10-21 CALL BY PHONE
10-22 DISREGARD
10-23 ARRIVED AT SCENE
10-24 ASSIGNMENT COMPLETED
10-25 MEET ... AT ...
10-26 DETAINING SUBJECT
10-27 DRIVER'S LICENSE INFO
10-28 VEHICLE REGISTRATION INFO
10-29 WANTED CHECK (PERSON)
10-30 ILLEGAL USE OF RADIO (IMPROPER LANGUAGE, ETC)
10-31 CRIME IN PROGRESS
10-32 MAN WITH GUN
10-33 EMERGENCY
10-34 RIOT

10-35 MAJOR CRIME ALERT
10-36 CORRECT TIME
10-37 CHECK SUSPICIOUS VEHICLE
10-38 STOPPING SUSPICIOUS VEHICLE
10-39 URGENT - USE LIGHTS AND SIREN
10-40 SILENT RUN
10-41 BEGINNING TOUR OF DUTY
10-42 ENDING TOUR OF DUTY
10-43 INFORMATION
10-44 REQUEST PERMISSION TO LEAVE PATROL FOR ...
10-45 ANIMAL CARCASS IN ROAD
10-46 ASSIST MOTORIST
10-47 EMERGENCY ROAD REPAIRS NEEDED
10-48 TRAFFIC STANDARD NEEDS REPAIRED
10-49 TRAFFIC LIGHT OUT
10-50 ACCIDENT (F,PI,PD)
10-51 WRECKER NEEDED
10-52 AMBULANCE NEEDED
10-53 ROAD BLOCKED AT
10-54 LIVESTOCK IN ROAD
10-55 INTOXICATED DRIVER
10-56 INTOXICATED PEDESTRIAN
10-57 HIT AND RUN
10-58 DIRECT TRAFFIC
10-59 CONVOY OR ESCORT
10-60 SQUAD IN VICINITY
10-61 PERSONAL IN AREA
10-62 REPLY TO MESSAGE
10-63 PREPARE, MAKE WRITTEN COPY
10-64 MESSAGE FOR LOCAL DELIVERY
10-65 NET MESSAGE ASSIGNMENT
10-66 MESSAGE CANCELLATION
10-67 CLEAR FOR NET MESSAGE
10-68 DISPATCH INFO
10-69 MESSAGE RECEIVED
10-70 FIRE ALARM
10-71 ADVISE NATURE OF FIRE
10-72 REPORT PROGRESS OF FIRE
10-73 SMOKE REPORT
10-74 NEGATIVE
10-75 IN CONTACT WITH ...
10-76 EN ROUTE
10-77 ETA
10-78 NEED ASSISTANCE
10-79 NOTIFY CORONER
10-80 CHASE IN PROGRESS
10-81 BREATHALYZER OPERATOR
10-82 RESERVE LODGING
10-83 WORK SCHOOL X-ING AT ...
10-84 IF MEETING ... ADVISE TIME ...

10-85 DELAYED DUE TO ...
10-86 OFFICER/OPERATOR ON DUTY
10-87 PICK UP/DISTRIBUTE CHECKS
10-88 ADVISE PRESENT TELEPHONE NUMBER OF ...
10-89 BOMB THREAT
10-90 BANK ALARM AT ...
10-91 PICK UP PRISONER/SUBJECT
10-92 IMPROPERLY PARKED VEHICLE
10-93 BLOCKADE
10-94 DRAG RACING
10-95 PRISONER/SUBJECT IN CUSTODY
10-96 MENTAL SUBJECT
10-97 CHECK TEST SIGNAL
10-98 PRISONER/JAIL BREAK
10-99 RECORDS INDICATE WANTED OR STOLEN

----------[End of File 2]

This MX340-S frequency configuration was given to me by an anonymous source within the Department. If anyone hears Channels D9 or D10 in use, kindly let me know their unit or cruiser ID number. Many thanks, Alan Henney...

Washington, District of Columbia
Metropolitan Police Department, District of Columbia "Dispatcher" or "Radio"

Primary UHF MPD Radio (Motorola Portable MX340-S) "Short Stem Radio"
Ch.A 1 460.3500 (465.3500) 1st District Dispatch & Operations KLG604 127.3
Ch.B 1 460.4000 (465.4000) Southeast Tactical (1st, 6th & 7th) KLG613 127.3
Ch.C 1 460.4000 ..... Talk-Around KLG613 127.3
Ch.D 1 458.7750 ..... 1st District Surveillance (Simplex) 127.3
Ch.A 2 460.2500 (465.2500) 2nd District Dispatch & Operations KLG610 127.3
Ch.B 2 460.1000 (465.1000) Northwest Tactical (2nd & 3rd) KLG605 127.3
Ch.C 2 460.1000 ..... Talk-Around KLG605 127.3
Ch.D 2 458.7250 ..... 2nd District Surveillance (Simplex) 127.3
Ch.A 3 460.0250 (465.0250) 3rd District Dispatch & Operations KLG617 127.3
Ch.B 3 460.1000 (465.1000) Northwest Tactical (2nd & 3rd) KLG605 127.3
Ch.C 3 460.1000 ..... Talk-Around KLG605 127.3
Ch.D 3 458.4750 ..... 3rd District Surveillance (Simplex) 127.3
Ch.A 4 460.5000 (465.5000) 4th District Dispatch & Operations KLG614 127.3
Ch.B 4 460.1000 (465.1000) Northwest Tactical (2nd & 3rd) KLG605 127.3
Ch.C 4 460.1000 ..... Talk-Around KLG605 127.3
Ch.D 4 458.3750 ..... 4th District Surveillance (Simplex) 127.3
Ch.A 5 460.2000 (465.2000) 5th District Dispatch & Operations KLG616 127.3
Ch.B 5 460.1000 (465.1000) Northwest Tactical (2nd & 3rd) KLG605 127.3
Ch.C 5 460.1000 ..... Talk-Around KLG605 127.3
Ch.D 5 458.2000 ..... 5th District Surveillance (Simplex) 127.3
Ch.A 6 460.1500 (465.1500) 6th District Dispatch & Operations KLG609 127.3
Ch.B 6 460.4000 (465.4000) Southeast Tactical (1st, 6th & 7th) KLG613 127.3
Ch.C 6 460.4000 ..... Talk-Around KLG613 127.3
Ch.D 6 458.4250 ..... 6th District Surveillance (Simplex) 127.3
Ch.A 7 460.4750 (465.4750) 7th District Dispatch & Operations KLG603 127.3

Ch.B 7 460.4000 (465.4000) Southeast Tactical (1st, 6th & 7th) KLG613 127.3
Ch.C 7 460.4000 ..... Talk-Around KLG613 127.3
Ch.D 7 458.8500 ..... 7th District Surveillance (Simplex) 127.3
Ch.A 8 460.4500 (465.4500) Station Channel (4th & 5th Tactical) KLG607 127.3
Ch.B 8 460.4000 (465.4000) Southeast Tactical (1st, 6th & 7th) KLG613 127.3
Ch.C 8 460.4000 ..... Talk-Around KLG613 127.3
Ch.D 8 ..... Empty
Ch.A 9 460.4250 (465.4250) Command Channel & Police Radio Shop KLG606 127.3
Ch.B 9 ..... Empty
Ch.C 9 ..... Empty
Ch.D 9 458.3500 ..... CID Surveillance (Simplex) 127.3
Ch.A10 ..... Empty
Ch.B10 ..... Empty
Ch.C10 ..... Empty
Ch.D10 458.7000 ..... CID Surveillance (Simplex) 127.3
Ch.A11 460.2750 (465.2750) Special Operations Division (SOD) KLG611 127.3
Ch.B11 460.2750 (465.2750) Special Operations Division (SOD) KLG611 127.3
Ch.C11 460.2750 (465.2750) Special Operations Division (SOD) KLG611 127.3
Ch.D11 465.0000 ..... SOD & ERT Surveillance (Simplex) 127.3
Ch.A12 460.3250 (465.3250) Citywide 1 (CID & Emergency) KLG615 127.3
Ch.B12 460.3250 (465.3250) Citywide 1 (CID & Emergency) KLG615 127.3
Ch.C12 460.3250 (465.3250) Citywide 1 (CID & Emergency) KLG615 127.3
Ch.D12 460.3250 (465.3250) Citywide 1 (CID & Emergency) KLG615 127.3
Notes: MPD units who do not patrol a particular patrol district, such as those from CID, Traffic, SOD, among others, typically operate on the Citywide 1 Channel. These units often use 460.275 (if available) or 460.45 for unit to unit (tactical) conversations. SOD units remain on Citywide 1, unless working a detail on the SOD Channel. Federal users such as the US Marshals, DEA, and Crown, have been noted using Citywide 1.

Simulcasted throughout the Metrorail Tunnels and onto the VHF Band, Citywide 1 serves as MPD's emergency frequency. As in the case of the MX340-s radios, Citywide 1 is typically a channel easily selected for emergency use (all modes A through D are repeater for that reason).

The Command Channel, 460.425, routinely used by the MPD radio shop, is also the unit to unit (tactical) channel used by high ranked MPD officers bearing the coveted chrome plated MX340-S radio. The Command Channel is primarily used during special events for messages of a priority nature. Restricted use of this channel by units other than the radio shop, assures it is available for a priority conversation.

As the phase-in of the Saber continues, the 4th & 5th Districts who use 460.1 as their MX340-s Tac channel, are now given 460.45 as their Saber Tac channel. Besides being used for unit to unit (tactical) communications, the "B" Tac channels serve other purposes. Various offices, and details, such as the ROPe, SID, individual patrol district offices, and others, frequently operate on these "B" (tactical) channels.

At one time, some consideration was given to an eighth police

district on Capitol Hill. As a result, position eight on the MX340-S was allocated for this district which never materialized. Ch.A8 is currently known as the "Station Channel" since conversations between officers in the field, and the stations (or dispatchers) frequently take place here.
"D" channels are used for messages of a confidential, surveillance or personal nature by portable & mobile units only. It's not uncommon for a particular district to use its "D" channel in other districts or even in the suburbs. FCC Rules Part 90.19.(G)(3) allow for these low power, unlicensed "D" channels. Various MPD protection details, such as the Mayor's Detail, frequently operate on one of the "D" channels. The typical MX340-S (assigned to a patrol district) will only have its own "D" channel & none other. However, special capability is granted to those high level officers that possess a chrome plated MX340-S radio. The frequency commonly used by the SOD ERT units, 465.0, is actually a business paging allocation. At times, adjacent districts are simulcasted together so as to reduce the number of necessary dispatchers (Citywide 1 & 1, 2 & 3, 4 & 5, 6 & 7). See the end notes for additional MPD related material.

==========

Thanks go to the author(s) of the files and the sysop of Radio Scanner BBS.

Regards,

Alex Chernyakov.

100. RS2009 manual, mods, etc needed

Newsgroup: rec.radio.scanner
Date: 1995-01-05 06:00:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <5JAN199501002674@vax2.concordia.ca>
Source record: 263407

Anything would be appreciated. Please email.

--Jack

101. NYC Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-05 08:03:32 UTC
From: jamie@enterprise.america.com
Message-ID: <3eg94k$q9n@enterprise.america.com>
Source record: 263417

Hello,
I will be going to a tapeing this month of the Late Show with
David Leterman. I will be staying in the midtown area of NYC. I am
having problems finding freqencies related to the show like security freqs
operations and production freqs etc. etc. I am also looking for NBC
freqs too. If you can be of any help please e-mail me.

Jamie

102. Re: SCANNING ON PASSENGER-post flight comments

Newsgroup: rec.radio.scanner
Date: 1995-01-05 08:30:06 UTC
From: speg@alliant.backbone.uoknor.edu
Message-ID: <3egame$qjm@romulus.ucs.uoknor.edu>
Source record: 263418

The use of scanners on planes apparently depends on the carrier. I just returned from flying Delta from Oklahoma City to Indianapolis, and according to their rules listed in their magazine the use of scanners is permitted during the flight (except during initial takeoff and approach, taxi-ing, etc.) I only did a little bit of experimenting between Okla. City and Atlanta and was able to pick up some public service transmissions below. I also tried the weather bands, and while the main 3 frequencies were usually just noise with many undistinguishable stations on top of each other, I was also able to pick up a southern Illinois weather radio station on 162.425 (one of the lesser used frequencies) from somewhere over central Alabama, so there can be decent range at 23,000 feet.

By the way, the rules say that pacemakers are included in the group of electronic equiptment that can be used anytime during the flight. That's good to know too.

Doug

--

_
Doug "SPEG" Speheger
speg@metgem.gcn.uoknor.edu, speg@alliant.backbone.uoknor.edu

103. re: antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-05 10:23:08 UTC
From: scavanau@moose.uvm.edu
Message-ID: <1995Jan5.102308.17040@emba.uvm.edu>
Source record: 263453

I used to have an 855 xlt (just bought the pro-2035, need those channels!)
also with a rs discone.

What I did was to take off the top screw of the discone (the one that
holds on the top element), found an old telescoping antenna and inserted
a small screw and crimped them together. Then took a nut that fit that
small screw and welded that nut to the one that holds on your top element.
I had to put another nut in between those two to assure that I could
screw the whole assembly back down tight onto the discone.

Can't remember any spec.'s as to nut sizes or length of vertical assembly,
just read around a little and you'll figure out how long to make the
vertical part.

This is a pretty crude antenna but it greatly enhanced my reception below
100 mhz (the rs dicone basically "sucks" below 100 mhz.)
I sometimes have to turn back my squelch because of sooo many calls
bleeding over each other, excuse me I mean signals...

This thing, even with the small welds has held up in two terrible storms
(nor' easters)

The 855 isn't weak knee'd, your antenna is in that range

Hope this helps
Shannon

104. Re: AR8000 Delay Question

Newsgroup: rec.radio.scanner
Date: 1995-01-05 10:32:15 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3eghrf$q70@nntp.crl.com>
Source record: 263442

> In article <3eej5q$31q@eugene.convex.com> horak@convex.com (David Horak) writes:
> > The latest Grove catalog and buyers guide, page 15, shows the
> > programmable delay on this unit to be 1-99 seconds. I thought it was
> > supposed to be .1-99 seconds. Would someone confirm this?
>
> --
> It is 0.1 seconds minimum and does allow delay OFF for no delay
> --
I might add that the step is programable any where from 50 hz to 999.950KHZ
just 50 hz shy of a huge one MHZ step. Who could ask for more?

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

105. Apology AOR3000A

Newsgroup: rec.radio.scanner
Date: 1995-01-05 10:47:17 UTC
From: andras@helios.usq.EDU.AU
Message-ID: <andras.789302837@helios>
Source record: 263423

I am very sorry for not reading my mail as I got married the day
after I put the request on the net.

This is the first chance I have got to reply...Just wanted to say how dumb
I felt when I jumped on for the first time since I asked about the
AOR3000A software and found OOPS people are wondering what happened
to you.

Thanks heaps for the info and I will be back soon.

Andras Deme
Toowoomba Qld Australia

106. Re: Will a specific-band antenna help?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 10:59:26 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3egjee$q70@nntp.crl.com>
Source record: 263424

> In <3eefbd$s83@umd5.umd.edu> achern@io.avl.umd.edu (Alex Chernyakov) writes:
>
> >Currently I'm using a $50 Antenna-Specialist broad-band center loaded mag
> >mount on my car with an RS-62 scanner. I'm mostly listening to the local
> >police frequencies, so I'm considering the possibility of adding a second
> >antenna "tuned" specifically to these bands. The frequencies that the police
> >in this area use are in the 492-499 MHz range. Is a second antenna worth the
> >trouble/cost? How much improvement in reception can I expect?
>
> I wouldn't invest in more antennas. If you already use an external
> antenna and wish to pick up local stuff, you don't need any more gain
> than you already have.

I agree, at those frequencies I don't even bother with an external antenna
for RECEIVE. Transmit is a different story. You would be wasting your money.
A really good scanner should be just about able to receive a signal with just
the bnc connector at the high uhf frequencies. You don't need much.

That was the problem with designing radios that operate at those frequencies
is the ability of the signal to couple to just about anything.

KI4JE

107. Re: Lexington, KY police going to trunking.. :(

Newsgroup: rec.radio.scanner
Date: 1995-01-05 11:15:06 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3egkbq$q70@nntp.crl.com>
Source record: 263425

>
> > The GE system has one continuous control channel which can be any of the
> > available ones. Each talk channel has a short data burst at the beginning
> > of a transmission. Some systems have tones afterward. The systems here all
> > had those removed at once; perhaps a software upgrade.
> >
> >Wait Lyn, you have a GE system that had all the antiscanner tones
> and now they have new software and no more TONES.
>
>
> Please check that out ,maybe there is hope for us who listen to GE trunking.

People who buy into the GE system are morons. IMHO
Calculate the wear and tear on your repeater system by adding all
those 1 to 10 second manatory hangs just to play a jingle times all
the short message burst times all 16 or more channels and you get a
terrific wate of 'bandwith'. Only some government would not
think of how much resources and money were being wasted as it
comes out of someone elses pocket.

No wonder some bean counter made them take that stuff out
of an installed system.

Vic

108. PRO-39 Opinion before Purchase

Newsgroup: rec.radio.scanner
Date: 1995-01-05 11:55:19 UTC
From: koi@uncledad.nwscc.sea06.navy.mil
Message-ID: <9501051155.AA06720@uncledad.nwscc.sea06.navy.mil>
Source record: 263428

I could not find an older Radio Shack catalog with the Pro-39
but a Pawn shop is selling one for $169.00! Is this a deal
or just average? No manual, of course and probably sizzlin'.

koi@uncledad.nwscc.sea06.navy.mil

109. sportcat freq. quide

Newsgroup: rec.radio.scanner
Date: 1995-01-05 12:36:15 UTC
From: tlierman@earth.execpc.com
Message-ID: <3egp3v$b6a@homer.alpha.net>
Source record: 263429

Is anyone looking to sell their Sportcat Frequency guide that came with their new sportcat radio? let me know. Thanks, tlierman@exepc.com

110. Re: AR8000 Delay Question

Newsgroup: rec.radio.scanner
Date: 1995-01-05 13:22:31 UTC
From: petef@xetron.com
Message-ID: <D1xp5J.5ns@xetron.com>
Source record: 263430

In article <3eej5q$31q@eugene.convex.com>, horak@convex.com (David Horak) says:
>

111. Re: AR8000 Delay Question

Newsgroup: rec.radio.scanner
Date: 1995-01-05 13:44:13 UTC
From: petef@xetron.com
Message-ID: <D1xq5p.5sM@xetron.com>
Source record: 263431

In article <3eej5q$31q@eugene.convex.com>, horak@convex.com says...
>
>The latest Grove catalog and buyers guide, page 15, shows the
>programmable delay on this unit to be 1-99 seconds. I thought it was
>supposed to be .1-99 seconds. Would someone confirm this? I am
>thinking about buying one of these (not from Grove) but NOT if the
>minimum delay is one second. Also, is the step size programmable to 30
>Khz or would I have to use a 10 KHz step to achieve proper tuning
>through "certain" 800 MHz band freqs? (It's a real pain to watch my
>Yupi MVT7100 slug through these freqs at a 10 KHz rate)
>
>Thanks,
>
>David Horak horak@convex.com
>Plano, Texas (not your average plain-O town :-)

The time delay when scanning memory channels after carrier drop is adjustable (in expert mode) from 0.1 to 9.9 seconds (the default is 2.0 seconds). The time delay for searching or dwell time on any active carrier or station is adjustable from 1.0 to 99.0 seconds.

The frequency step size is settable to 30.0 kHz and would be of use with European market radios (the US version is blocked for the cell frequencies).

Additional comment: My AR8000 has noticable intermodulation from ~150 MHz pagers when listening to 800 MHz public service signals. I am hoping to find a schematic for the 'front end' for possible improvements in linearity. Some expense in battery life is worth better dynamic range. I am otherwise very happy with the AR8000.

pete

112. WTB: Modifiable Pro-43

Newsgroup: rec.radio.scanner
Date: 1995-01-05 14:05:00 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-0501951005000001@198.69.103.26>
Source record: 263465

Subject says it all... I'm looking for a cell-capable (or pre-modified)
Radio Shack Pro-43 handheld scanner. Will pay what is necessary.. within
reason, of course.

-Dave

--
Have you ever gotten sick and tired of hearing AT&T take credit for things they didn't
invent? You will.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

113. scanner buff news

Newsgroup: rec.radio.scanner
Date: 1995-01-05 14:31:16 UTC
From: YPSE19A@prodigy.com
Message-ID: <3egvrk$7086@usenetp1.news.prodigy.com>
Source record: 263459

Please E-mail me all scanner related stories. Your best experiances with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area. I will reconize your writtings in a Newsletter called SCANNET NEWS. I will also post the Newsletter on a BBS, that has a gateway all over the USA. Anyone sending me stories can have a copy of the Newsletter and will have the BBS access attached SUBJECT: SCANNER BUFF NEWS
Please E-mail me all scanner related stories. Your best experiances with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area. I will reconize your writtings in a Newsletter called SCANNET NEWS. I will also post the Newsletter on a BBS, that has a gateway all over the USA. Anyone sending me stories can have a copy of the Newsletter and will have the BBS access attached .
There are many SCANNET NEWS articles to read.

Anyone interested please e-mail me your ID

-
NICHOLAS MESSINA YPSE19A@prodigy.com

114. WANTED: 800 mhz handheld scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-05 14:44:00 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Jan5.084400.22227@driftwood.cray.com>
Source record: 263432

Wanted to buy: Used (but not too :) 800 mhz handheld scanner,
preferably a RS-PRO-XX which is already modified (or modifiable).

Please contact: Jon Badger
jbadger@sdiv.cray.com
612-683-3056

Thanks!

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

115. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-05 15:05:10 UTC
From: smasters@bzy.gmu.edu
Message-ID: <3eh1r6$cfr@portal.gmu.edu>
Source record: 263466

Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: I can't agree or disagree. However, my wife just purchased a cellular
: phone, and nowhere on the box or the manual does it state the possibility
: of calls being intercepted. I'll have to give a bit of credit to the Contel

Since the law states that it is illegal to knowingly intercept a
cell phone communication, the companies who make them are not required to
post any warning that the call you make may be listened to by other parties.
I don't know if the companies lobbied to have to law change to remove
the warnings, or if they just decided to after they lobbied for other reasons.

73,
Shawn
KE4GHS

116. Re: Pro 51 vs pro 62 : I chose PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-01-05 15:12:20 UTC
From: sdo@summit.novell.com
Message-ID: <3eh28kINN1u0@sftuxg.summit.novell.com>
Source record: 263433

In article <3ecp6m$7lb@dcsun4.us.oracle.com> "P. Randy Duran" <rduran@us.oracle.com> writes:
>
>Did I buy the "wrong" scanner -- I don't know; but I like
>the PRO-51 a lot. The PRO-62 was even on sale for $50 off the
>regular price (unadvertised sale at RS), but I still chose the
>PRO-51. I decided to buy it mail order from an RS distributor
>in another state. It cost $257 including shipping and 4 free
>Ni-Cad batteries. And I didn't pay sales tax since it was out
>of state. I don't have the name or phone number of the RS
>distributor with me now, but they advertise in at least one
>radio magazine; try Amateur Radio or similar.
>

Two days ago, I bought the PRO-51 at a local RS store (Madison, N.J.) for $219
(no batteries or case, just belt clip and antenna). It was displayed
as an "Unadvertised Special". It was a good 7A4 serial number too,
for those who care. (July 1994 manufacture).

Several other scanners were on sale as well.

Scott Orshan
sdo@summit.novell.com
908-522-5063

117. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-05 15:42:37 UTC
From: horak@convex.com
Message-ID: <3eh41d$4bl@eugene.convex.com>
Source record: 263464

In <3efhuo$7ahu@usenetp1.news.prodigy.com> HDTJ44A@prodigy.com (Rodney Moore) writes:

>Usually you can hear anything within 1-1/2 miles, of your scanner
>depending on the type of antenna. These are fun at first, but often get
>boring -- try the
>baby monitors ~39Mhz these are fun.
^^^^^^

This should be 49 MHz. I don't see what's so fun about these though.
Of course, once, one of my neighbors put one in their master bedroom
right after their baby was born since the child stayed in their room
for awhile. They left the monitor on all the time. You can imagine
what that was like after the wife got to feeling frisky again! :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

118. Re: scanner laws

Newsgroup: rec.radio.scanner
Date: 1995-01-05 16:14:04 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D1xx3G.HD6@freenet.carleton.ca>
Source record: 263435

In a previous posting, Matthew Volkmer (matthew@hal9000.apana.org.au) writes:
> Can someone tell me about scanner laws overseas?
>
Scanners are legal in Canada, You can monitor anything you wish. You can not use the information for personal/financial gain. You can not divulge what you have heard. The Province of Manitoba's Highway Traffic Act does prohibit the mobile use of scanners, but there is a question of whether a Province can over rule the Canada Radiocommunications Act. I suppose you can probably use your scanner while driving through Manitoba as long as the police don't have any reason to pull you over (ie: speeding or some other traffic offence) BTW... while scanning is legal in the rest of Canada, It is not recomended that you have your scanner running if you do get stopped by police for any traffic offence. The Cop may wonder why you are listening to them, and just may find those unpaid parking tickets you have, or may just take extra time to make sure you are not hiding something (they may call it reasonable grounds)

--

119. Re: Santa Clara Ca. PD 800 Freq

Newsgroup: rec.radio.scanner
Date: 1995-01-05 16:33:15 UTC
From: dusty@svpal.svpal.org
Message-ID: <3eh70c$a75@borg.svpal.org>
Source record: 263452

Randy Petersen (drp@netcom.com) wrote:
: The Santa Clara Ca PD now is on 800 meg trunked. Does
: anyone on the net have the details PL and frequencies.

Here are the freq's for the Santa Clara, CA. trunked system. Please note that Santa Clara has added more freq's to their system and this listing is not complete. I haven't had time to search out the rest of them yet so if anyone has them please forward the list to me.
Thanks,
Dusty

821.4625 Santa Clara City Trunked System
821.8375 " " " "
822.0750 " " " "
822.3375 " " " "
822.8625 " " " "
823.6250 " " " "
866.4625 " " " "
866.8375 " " " "
867.0750 " " " "
867.3375 " " " "
867.8625 " " " "
868.6250 " " " "
868.8875 " " " "

---

120. FS:PRO-43, modifiable

Newsgroup: rec.radio.scanner
Date: 1995-01-05 16:35:05 UTC
From: richard.krum@msfc.nasa.gov
Message-ID: <3eh73p$4o6@hammer.msfc.nasa.gov>
Source record: 263436

Modifiable PRO-43 (no "A" in serial number" with Extended warranty.

Mod HAS NOT been done--

Purchased 10/94 little use, all original docs and packing. Includes new
set of batteries.

Prefer my 2006.

First $300 COD takes it. E-mail or phone me at work.

****
Usual disclaimers for my casual, non-work-related opinions. I do not speak for
CSC or NASA, even on a good day. Your mileage may vary wildly, mine does!
richard.krum@msfc.nasa.gov 205-461-6464
Computer Sciences Corporation
PO box 240005 Ham Radio: KE4GNK
Huntsville, AL 35824 147.240- or 146.520 simplex

121. Scanning UHF Military Air Traffic

Newsgroup: rec.radio.scanner
Date: 1995-01-05 17:10:57 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3eh971$d2e@news1.digex.net>
Source record: 263437

Many of you probably noticed that comms seems sparse in this region, especially at night. Using a Pro 2006 I entered about 200 frequencies obtained from the North East Military Communications guide for a several state wide area. Using an external scanner antenna (RS $17.95 model) the results are excellent, but still few and far between.

I recently attached a VOX tape recorder (RS CTR-476 with 1 second delay mod to save tape) and leave the scanner on all day. What a difference in results! I have squeezed about 12 hours of activity into a 1 hour tape. So far I've heard everything from air-refueling out in the Atlantic, squadrons of aircraft flying in/out of military control zones, dog fight practice maneuvers, and live weapons tests in the Aberdeen Proving grounds here in Maryland. The bulk of the tapes are still the typical not so exciting cargo aircraft checkins but so far every night yields some pleasant surprises. And of course, it seems that the activity does drop off after hours, that explains the lack of night activity (except for the local A10 Air National Guard unit doing night training using infrared, that's a post for another day!)

I hope this technique helps others who may have pre-maturely concluded that there is nothing on the mil-air bands...

Andy

122. Re: Cordless phone reveals murder plot

Newsgroup: rec.radio.scanner
Date: 1995-01-05 17:27:11 UTC
From: tls@gate.net
Message-ID: <3eha5f$s2s@tequesta.gate.net>
Source record: 263438

```
Et2 Rich Sheff (n9315@pnet16.navy.mil) wrote:
: If I've just read the quoted text of the ban correctly, then only
: listening to the link from the handset to the base of the cordless phone
: is illegal. It looks like there is a nice little loop hole for listening
: to the base to handset signal. Good thing this happens to be the more
: interesting of the two... :)

The law says "between .. and", not "from ... to". In FCC-speak "between
... and" means both directions.
--
Terry Steinford
tls@gate.net
```

123. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-05 17:48:56 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Jan5.174856.20366@news.csuohio.edu>
Source record: 263439

CMOORE@wpo.csd.scarolina.edu (Southern Boy) writes:

<snip>

: home and I went on to the house. I went in to my bedroom where my scanner is
: and got ready to shed some threads. Guess who was chatting away on her car
: phone. She was telling this married guy she was messing around with
: everything that had transpired between us that evening. I listened in shock
: and disbelief as she tore me to pieces. What a Two-Faced Psycho Hose Heifer
: from Hell (actually, psycho chicks are the best)!
:

<more snipping>

Too bad you could not have recorded the conversation from your scanner.
I would then tell you to call her home when you know she is not
there and simply play the recorded call into her answering machine.
Anonymously, of course, and pray she does not have caller ID.
See how she acts next time she sees you.

In any case,
It was your decision to break up with her, but if she gives you
any beef as to "why", then perhaps tell her what you heard.

Have fun.

Mike

^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

124. Re: NYC Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-05 17:54:22 UTC
From: bcmar@panix.com
Message-ID: <3ehboe$j7l@panix.com>
Source record: 263440

Please post here as well.
--

Bob Cmar (bcmar@panix.com)
In New York City's Colorful and Romantic Lower East Side

125. For Sale: DRAKE R8 Communications Receiver

Newsgroup: rec.radio.scanner
Date: 1995-01-05 18:28:16 UTC
From: ptran@hti.net
Message-ID: <3ehdo0$mpp@hti.net>
Source record: 263441

I have a DRAKE R8, 1 year old, seldom used.
I paid $1000 for this machine.
I'd like to offer it at $700.
I have complete manual, box, original contents.

The above comments are my own, not related to my company or employer.
Paul Tran - Operations Manager .....
Portable Computer Support, Inc. PCS provides HARD DISK, PROCESSOR, math
6507 Oakburl Court co-processor, memory, battery, data
Sugar Land, Texas 77479 USA recovery to LAPTOP/NOTEBOOK computers.
(800) 484-9221 ext. code 5436 .....
(713) 565-5078 ptran@hti.net CompuServe:75674,3620 AOL:NoteB2LapT

126. Re: PRO2006 - PC Control

Newsgroup: rec.radio.scanner
Date: 1995-01-05 18:33:06 UTC
From: Nidge@nikel.demon.co.uk
Message-ID: <789330785snz@nikel.demon.co.uk>
Source record: 263296
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <jkobzeff-3012941600530001@jackmac.jpl.nasa.gov>
jkobzeff@sybil.jpl.nasa.gov "Jack Kobzeff" writes:

> In article <3dd4rc$3oa@garuda.csulb.edu>, ddillon@csulb.edu (Daniel
> Dillon) wrote:
>
> > Nidge Jones (Nidge@nikel.demon.co.uk) wrote:
> > : Hello,
> >
> > : Anybody out there got any information about converting a PRO2006
> > : for computer control !

REPLY:-
> >
> > You need to get a hold of Optoelectronic for their optoscan/456
> > board. It fts right inside the 2006 or the 2005, and will allow pc
> > control your scanner.
> ....
> > The problem is that it is a bit expensive. I am interested in hearing
> > the opinions of those who use it currently.
>
>
> I have been interested in this product, as well. I have been holding off
> on buying one until I could get some feel for how well they work. It has
> been a little disconcerting in that I haven't seen -any- discussion on
> them. Are they just too new, or too expensive, or am I just looking in
> here at the wrong times?
> So, let me second the motion for getting feedback about this. Anybody have
> one and love it or hate it?
>
> Please send email, if possible, as well as posting.
>
> --
> Jack Kobzeff ----- jack.c.kobzeff@jpl.nasa.gov
>

--
Mmm ! Well I know about the opto conversion but there asking 300 uk
pounds for it ! Have loads of info on it from opto.

BUT:-

I was trying to find someone who knew of other conversions for the pro
2006.
I think it was in "Pratical Wireless" magizine some time ago,that I read

about a low cost conversion for the 2006.
All I can remember from the Artical is that they quoted the conversion as
a cheap method of computer control, and that is was compatable with SCANCAT
software.

Thanks for the suggestion!

****
* *
* Nidge Jones Nidge@nikel.demom.co.uk *
* Narborough Leicester.UK tel: +44 585 200 741 *
* *
****

127. Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-05 19:16:32 UTC
From: jtesta@freenet.columbus.oh.us
Message-ID: <3ehgig$gto@acme.freenet.columbus.oh.us>
Source record: 263443

No reason to sweat, if i remember right the phone company MUST
give you a way to block caller id on outgoing calls. My phone company
GTE says using either (*70 or something like that for each call individually)
or pay a flat rate for call block without having to prefix every call with
the block code.

joe
--
Joseph S. Testa, Database Administrator, Computer People Consulting
N8XCT, Official Relay Station (ORS),
Local Govt Liaison (LGL) Pickaway County OH,
Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

128. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-05 19:50:15 UTC
From: GPTC26A@prodigy.com
Message-ID: <3ehihn$3bh2@usenetp1.news.prodigy.com>
Source record: 263444

I too have just installed a discone antena. My suggestion to you to improve reception in the lower frequencies is to clip off about 3" of each radial in each plane.

Lockhart

129. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-05 19:51:31 UTC
From: tharrell@nmsu.edu
Message-ID: <3ehik3$lgi@dns1.NMSU.Edu>
Source record: 263445

```
Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
: Anonymously, of course, and pray she does not have caller ID.

That's what *67 is for.
--
| T.J. Harrell III tharrell@nmsu.edu | _\| /\ |/_
| NRA KC5KTO weasel@acca.nmsu.edu | \ / \ /
| Scanning, ham radio, and more: | / \
| http://rever.nmsu.edu/~weasel/ | /______\
```

130. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1995-01-05 19:53:59 UTC
From: "Kenneth R. Fowler" <kfowler1@osf1.gmu.edu>
Message-ID: <Pine.OSF.3.91.950105145246.12005D-100000@osf1.gmu.edu>
Source record: 263446

I used to belong to PSN here in washingon. We prided ourselves with only paging working incidents and made sure that our dispatchers actually verified information before it want out. We still beat our competators.
Ken

131. Re: Will a specific-band antenna help?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 19:57:01 UTC
From: achern@io.avl.umd.edu
Message-ID: <3ehiud$lfo@umd5.umd.edu>
Source record: 263447

Ki4je (vhealey@crl.com) wrote:
: I agree, at those frequencies I don't even bother with an external antenna
: for RECEIVE. Transmit is a different story. You would be wasting your money.
: A really good scanner should be just about able to receive a signal with just
: the bnc connector at the high uhf frequencies. You don't need much.

: That was the problem with designing radios that operate at those frequencies
: is the ability of the signal to couple to just about anything.

You're absolutely right; I have no problem receiving at those
frequencies with no antenna. But when the units at a scene switch their
GE radios to "B" mode, it never reaches the repeator, and if it reaches
me the signal is broken up. I want to improve my reception of these low-
-power broadcasts. Perhaps another antenna isn't the way to do it?

-Alex.

132. Re: Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-05 20:05:22 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Jan5.140522@fnalv.fnal.gov>
Source record: 263448

In article <3ehgig$gto@acme.freenet.columbus.oh.us>, jtesta@freenet.columbus.oh.us (Joseph Testa) writes:

> No reason to sweat, if i remember right the phone company MUST
> give you a way to block caller id on outgoing calls. My phone company
> GTE says using either (*70 or something like that for each call individually)
> or pay a flat rate for call block without having to prefix every call with
> the block code.
>

To disable caller ID (in Illinois), dial *67 prior to (each) phone call.
Btw, if you get a busy signal when you dial *67 (rather than a dial tone),
then your phone switch doesn't have the ability to provide your number to
a Caller ID system.

RC

133. Re: antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-05 20:06:57 UTC
From: achern@io.avl.umd.edu
Message-ID: <3ehjh1$lfo@umd5.umd.edu>
Source record: 263449

Shannon P. Cavanaugh (scavanau@moose.uvm.edu) wrote:

: What I did was to take off the top screw of the discone (the one that
: holds on the top element), found an old telescoping antenna and inserted
: a small screw and crimped them together. Then took a nut that fit that
: small screw and welded that nut to the one that holds on your top element.
: I had to put another nut in between those two to assure that I could
: screw the whole assembly back down tight onto the discone.

Thats a good idea.

In the little instruction booklet that came with my Antenna Specialist antenna they say that the whip part of the antenna is factory adjusted to receive the center of the "Low-Band" (25-50 MHz). They instruct that the whip may be adjusted to favor a specific low-band frequency by removing the Ball Tip and trimming the whip. They give a good chart that shows what the exact length of the whip should be for any given frequency between 25 and 50 MHz. Suppose I wanted to "tune" the whip to, oh, say, 46 or 49 MHz or so; would this improve my reception at those frequencies a significant amount?

-Alex.

134. Re: Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-05 20:09:42 UTC
From: achern@io.avl.umd.edu
Message-ID: <3ehjm6$lfo@umd5.umd.edu>
Source record: 263450

Joseph Testa (jtesta@freenet.columbus.oh.us) wrote:

: No reason to sweat, if i remember right the phone company MUST
: give you a way to block caller id on outgoing calls. My phone company
: GTE says using either (*70 or something like that for each call individually)
: or pay a flat rate for call block without having to prefix every call with
: the block code.

Unfortunately many phone companies allow CLID users to specify that
any blocked calls get an operator msg saying that blocked calls won't
be accepted at that residence (or business).

-Alex.

135. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-05 21:00:07 UTC
From: fd@wwa.com
Message-ID: <3ehmkn$6r5@sashimi.wwa.com>
Source record: 263451

Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
: : Anonymously, of course, and pray she does not have caller ID.

: That's what *67 is for.

and *69 is to call-back "weasels" that use *67 hahahah

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email fd@wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?
email for uuencoded .TIF of T-Shirt Honoring the FBI
Remember, fd _IS FOR_ Full Disclosure!

136. Scanner choice

Newsgroup: rec.radio.scanner
Date: 1995-01-05 21:36:50 UTC
From: pritchas@oissvr.ColumbiaSC.NCR.COM
Message-ID: <D1yC1F.Eu1@ncrcae.ColumbiaSC.NCR.COM>
Source record: 263280

Hi everyone.I now have a BC 855xlt [have had for about 6 months]
and now i have the fever for a better unit.Naturally i want one
that is cell. capable so im going to try something from Atlantic
Ham Radio out of Canada which leads me to a few questions:
1.Has anyone had experiences with AHR?[good or bad]
2.What is the best scanner for the price[under 500.00]
3.Should a more expensive scanner pick up better than my 855
[range doesnt seem very good below 100 mhz]
4.ARE the units coming from Canada still full 800mhz?
Tanks to all who reply!

137. BearCat 8000 ?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 21:47:54 UTC
From: fhartery@kean.ucs.mun.ca
Message-ID: <1995Jan5.191754.1@leif>
Source record: 263454

Hi again folks !

Is there a tech out there who knows the demodulation scheme for
a BearCat 8000 regarding its tone board option ? Does the tone board
imply frequency inversion is used during transmission ? I hope I got the
model number right, someone only mentioned the model to me over a brief
chat.

Thanks in advance,
Fabe

138. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-05 21:50:45 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Jan5.155045@fnalv.fnal.gov>
Source record: 263472

```
In article <3ehmkn$6r5@sashimi.wwa.com>, fd@wwa.com (Glen L. Roberts) writes:
> Thomas J. Harrell (tharrell@nmsu.edu) wrote:
> : Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
> : : Anonymously, of course, and pray she does not have caller ID.
>
> : That's what *67 is for.
>
> and *69 is to call-back "weasels" that use *67 hahahah
>

Yeah, but they don't know your phone number when they do that. I recently
made a call, but used the wrong area code, so I hung up after one ring.
Then, my phone rang and it was the person I just called, incorrectly.
Ha Ha, the jokes on them because they just made a long distance call
to somebody they didn't even know.

RC
```

139. Re: Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-05 21:55:40 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ehpss$8qi@nntp.crl.com>
Source record: 263292

> Joseph Testa (jtesta@freenet.columbus.oh.us) wrote:
>
> : No reason to sweat, if i remember right the phone company MUST
> : give you a way to block caller id on outgoing calls. My phone company
> : GTE says using either (*70 or something like that for each call individually)
> : or pay a flat rate for call block without having to prefix every call with
> : the block code.
>
> Unfortunately many phone companies allow CLID users to specify that
> any blocked calls get an operator msg saying that blocked calls won't
> be accepted at that residence (or business).
>

Phone companies heck. I have a software switch right here on my
desk that rejects caller id. blocked calls when set.
I can also set upto 100 numbers I want to be rejected by the second
ring. They get a nice voice that says their call will not be accepted
currently. Great for zapping anoying businesses that will not take
no for an answer. It is all part of a high tech caller id unit
I bought for $90 from Beltronics.

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

140. PRO-39 and Serial #'s (again)

Newsgroup: rec.radio.scanner
Date: 1995-01-05 22:01:20 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Jan5.160120.28510@driftwood.cray.com>
Source record: 263455

Someone wrote:

>> : >A in serial number = no
>> : >no A in serial number = yes
>>
>> : Could someone else please confirm or refute this in the case of
>> : Pro-43's? I know for a fact that it is _not_ true of Pro-39's, having
>> : modified one with an "A" in the SN.
>>
>> I know you don't believe me, but believe me. It's true. No one has
>> reported modifying a 43 with an A in the serial number; no one has
>> reported being unsuccessful modifying a unit without the A in the S/N.
>> A 39 is not a 43.
>
> The number in question is not the serial number; it's the FCC ID, which
> is on the back. An FCC ID of 20-300 (there may be some preceding chars,
> I don't remember) is modifiable. An FCC ID of 20-300A is not. As someone
> mentioned, the FCC ID's with the A on the end is a new design, sans diodes.

What if the PRECEDING characters are AA? I'd like to do the D6 diode mod
but want to know (for certain)...

IS a PRO-39, FCC ID: AAO20-303, SN: 098625 modifiable or not?

I've got the other mods from Monitoring Times Jan. 93:

D6 restores 869-894 MHz coverage
D4 enables 68-88 MHz coverage, but deletes 30-54 MHz
D5 (present) allows 800 MHz band operation
D7 makes cellular spacing 12.5 kHz (incorrect)

Are there any other mods worth doing to a PRO-39?

Thanks in advance!

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

141. AR8000 Information wanted (ar3000 also)

Newsgroup: rec.radio.scanner
Date: 1995-01-05 22:15:22 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ehr1q$8qi@nntp.crl.com>
Source record: 263298
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Updating an expanding the ar8000 homepage and I need
to know if anyone has found any new tricks tips or shortcuts
to using the ar8000.

I would also like preformated lists of frequency /data
that others can quickly download and then upload
directly into the radio with any term program.

HF lists and mil frequencies that are universal may
see alot of action. remeber to set the mode correctly.
Load your scanning receiver then dump it to a file
as an ascii capture. Others can reload the identical
information in a heartbeat to try out.

Full credit given to sources.

Who has found the ar8000 by other vendors other then
Jonathan? You feelings toward them? I still favor
Javaition but I realize some are uncomfortable
with buying from Europe. Lets have a page
comparing sources as information for others.

A review of the US interface so others can compare the difference
between it and a full featured one from Europe.

Any suitable gifs that relate to the ar8000, scanning, vhf, hf
radios or radio stations.

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

142. Re: Will a specific-band antenna help?

Newsgroup: rec.radio.scanner
Date: 1995-01-05 22:19:47 UTC
From: horak@convex.com
Message-ID: <3ehra3$27b@eugene.convex.com>
Source record: 263299

In <3ehiud$lfo@umd5.umd.edu> achern@io.avl.umd.edu (Alex Chernyakov) writes:

>Ki4je (vhealey@crl.com) wrote:
>: I agree, at those frequencies I don't even bother with an external antenna
>: for RECEIVE. Transmit is a different story. You would be wasting your money.
>: A really good scanner should be just about able to receive a signal with just
>: the bnc connector at the high uhf frequencies. You don't need much.

>: That was the problem with designing radios that operate at those frequencies
>: is the ability of the signal to couple to just about anything.

>You're absolutely right; I have no problem receiving at those
>frequencies with no antenna. But when the units at a scene switch their
>GE radios to "B" mode, it never reaches the repeator, and if it reaches
>me the signal is broken up. I want to improve my reception of these low-
>-power broadcasts. Perhaps another antenna isn't the way to do it?

It reaches the repeater, it just doesn't get repeated. The repeater is
much more tightly tuned and sensitive to signals than you and your car
antenna. If you're far away from them in "B" mode, you won't hear them
very well. You could try to get a better antenna tuned to their freq.
(maybe a 5/8 wave) or put a yagi on your car :-) but if it was me, I'd
try to find a central location on a hill or get closer to the action.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

143. Re: Did Santa Clara (CA) PD C

Newsgroup: rec.radio.scanner
Date: 1995-01-05 22:49:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <9501051916011068@nohobbs.org>
Source record: 263456

```
K-{ I just started listening to my scanner at the beginning of the new
-{year after not having done so for about 3 months and I get the feeling that
-{Santa Clara PD has changed their frequencies because I haven't heard ANY
-{traffic whatsoever.

They went to an 800 MHZ Trunks System.
I'll e-mail you the new frequencies.
```

Brian
Brian.Parker@nohobbs.org

&#65533; QMPro 1.51 &#65533; COMPLAINTS > NUL

144. Re: Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-05 22:58:41 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D1yFtu.5ox@boi.hp.com>
Source record: 263276

Ki4je (vhealey@crl.com) wrote:
: > Joseph Testa (jtesta@freenet.columbus.oh.us) wrote:
: >
: > : No reason to sweat, if i remember right the phone company MUST
: > : give you a way to block caller id on outgoing calls. My phone company
: > : GTE says using either (*70 or something like that for each call individually)
: > : or pay a flat rate for call block without having to prefix every call with
: > : the block code.
: >
: > Unfortunately many phone companies allow CLID users to specify that
: > any blocked calls get an operator msg saying that blocked calls won't
: > be accepted at that residence (or business).
: >

: Phone companies heck. I have a software switch right here on my
: desk that rejects caller id. blocked calls when set.
: I can also set upto 100 numbers I want to be rejected by the second
: ring. They get a nice voice that says their call will not be accepted
: currently. Great for zapping anoying businesses that will not take
: no for an answer. It is all part of a high tech caller id unit
: I bought for $90 from Beltronics.

and in the latest grove catalog, they have a caller-id phone with
the reject feature. the phone co. charged me $12.00 one-time for
reject plus a few dollars a month, and they only support 15 numbers.

- jqt -

*60 *60 *60

: 73's

: Victor Healey (Ki4je)
: E mailto:vhealey@crl.com

: AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
: ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

--

__
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Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

145. Re: PRO-39 Opinion before Pur

Newsgroup: rec.radio.scanner
Date: 1995-01-05 23:16:00 UTC
From: brian.parker@nohobbs.org
Message-ID: <9501051916011069@nohobbs.org>
Source record: 263457

MK-{I could not find an older Radio Shack catalog with the Pro-39
-{but a Pawn shop is selling one for $169.00! Is this a deal
-{or just average? No manual, of course and probably sizzlin'.

Radio Shack just had them on sale for $189 or $199 just before
Christmas sometime, this is with the manual and warranty.
Just thought I would through it in so that you can be the
judge.

Brian
Brian.Parker@nohobbs.org

• QMPro 1.51 • CONGRESSIONAL ANTHEM: MOE MONEY, MOE MONEY, MOE MONEY.

146. Re: SCANNING ON PASSENGER-post flight comments

Newsgroup: rec.radio.scanner
Date: 1995-01-05 23:19:30 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <3ehuq2$p6q@sun001.spd.dsccc.com>
Source record: 263458

```
In article <3ef5us$cpr@usenet.ucs.indiana.edu>,
Scott C. Savett <ssavett@ucs.indiana.edu> wrote:
)DctrHappy (dctrhappy@aol.com) wrote:
): Since I opened up this thread I felt it appropriate to tell you all what
): happened on my flight. First of all, I flew United and they said that NO
): radios of any kind can be operated at any point while in the aircraft.
): However, I decided to scan through 800 mhz shortly after takeoff. I
): realized that i couldn't pick up anything but some silent transmissions
): which appeared very strong. Perhaps some bleedthrough from the aircraft's
)
)Luckily, on my recent Delta flights from Cincinatti to Philadelphia and
)return, I was able to scan while the plane was at cruising altitude. It
)specifically stated in the flight magazine that VHF scanners are allowed, so
)I took advantage of that fact. I had a window seat and got reasonably good
)reception with a rubber duckie antenna on my Pro-35. I used a
)bud-type earphone so I didn't annoy the people around me. Overall, it
)was a good way to occupy myself. And obviously, the plane did not
)crash... :)
)Best regards,
) __________
)-----------Scott C. Savett------------------------------\ ________\

I'll go beyond that. It is not -receivers- which are banned, it is
transmitters (in certain frequency ranges). But heterodyne and
superheterodyne receivers (as well as mis-adjusted regens and
superregens) are -also- transmitters. This is what causes
interference. There is nothing illegal about a TRF receiver on ANY band
(WRT use on an aircraft as opposed to anywhere else).

If you have a TRF type receiver (i.e. non-oscillatory) then you may
operate it (so long as the receiver itself is legal under other
circumstances, no Cellular Phone TRFs).

Mike

----
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}
```

147. Pro-60

Newsgroup: rec.radio.scanner
Date: 1995-01-06 00:09:14 UTC
From: julianr325@aol.com
Message-ID: <3ei1na$jms@newsbf02.news.aol.com>
Source record: 263460

Anyone have any information on Radio Shack's PRO-60 (not PRO-62).
Supposedly it will be released for sale in February.

148. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-06 00:11:57 UTC
From: amirault@max.tiac.net
Message-ID: <amirault.789351131@max.tiac.net>
Source record: 263461

pritchas@oissvr.ColumbiaSC.NCR.COM (news account) writes:

>Hi.I have a B.C.855xlt scanner and have an antenna question.
>I just bought a rs discone[sp?] anteena and figured that it
>would make my scanner pick up better all around.Well, i
>mounted it on top of my house and everything picks up great
>except chordless freqs.46-50.[Not that i would listen to
>this range ;.>]
>1.Why does it pick up better with the built on antenna?
>2.Would any type of signal booster help?
>3.Is my scanner a weak kneed wimp?
>Thanx to all who respond!

The Radio Shack (or any well made) discone is a *great* scanner antenna (I have the RS version myself) It is a *very* wide range, fairly flat response antenna. However, the cordless freq band is actually *outside* the freq range of the antenna. It does receive that band, only because any piece of metal will recieve any freq range (but not necessarily very well) Some versions of the discone (I think Icom and Diamond) have a low freq whip sticking up out of the center of the "disk" to enhance low freq reception.

Richard N1JDU
amirault@tiac.net

149. FAQ for AOR 1000xlt

Newsgroup: rec.radio.scanner
Date: 1995-01-06 00:15:48 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3ei23k$ic6@hal9000.apana.org.au>
Source record: 263462

Is there an FAQ for AOR 1000xlt?

Cheers Matthew
matthew@hal9000.apana.org.au

150. Re: Sportcat

Newsgroup: rec.radio.scanner
Date: 1995-01-06 01:25:20 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3ei660$1de$1@mhadg.production.compuserve.com>
Source record: 263467

Check out the cellular mod in the Jan issue of RCMA Scanning Magazine, available at many dealers.

151. Re: Scanning UHF Military Air Traffic

Newsgroup: rec.radio.scanner
Date: 1995-01-06 01:25:21 UTC
From: glm@xmission.com
Message-ID: <3ei661$n6g@xmission.xmission.com>
Source record: 263468

In article <3eh971$d2e@news1.digex.net>, domonkos@access.digex.net says...

>I recently attached a VOX tape recorder (RS CTR-476 with 1 second
>delay mod to save tape) and leave the scanner on all day. What a
>difference in results! I have squeezed about 12 hours of activity
>into a 1 hour tape. So far I've heard everything from air-refueling

I've done the same, Andy. It's a great idea and makes a very interesting tape.
--
-Gary
glm@xmission.com -Salt Lake City, Utah USA-
~!

152. AR 900 info

Newsgroup: rec.radio.scanner
Date: 1995-01-06 02:07:05 UTC
From: krphelps@umr.edu
Message-ID: <3ei8k9$25g@hptemp1.cc.umr.edu>
Source record: 263469

Can anyone give me information on the Ar 900 (besides freq range). I have the opportunity to
pick one up for 100 bucks.

Thanks,
Keith R. Phelps

153. Re: Uniden BC2500XLT info wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-06 02:08:56 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1yoMx.5n8@nntpa.cb.att.com>
Source record: 263309
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <D1xHwC.Jz@conexch.uucp>,
Larry Dighera <root@conexch.uucp> wrote:

> Does anyone have any information regarding the
> Uniden BC 2500XLT scanner? Damark (+1 800 827-6767)
> is offering them for $449.99 + $7.50 S/H. Is that
> a reasonable price for this 400 channel continuous
> band scanner? Does anyone have information about
> cellular reception with this unit? Can it be modified?
> Is there a newer/better model available now?

I have the new Uniden/Bearcat BC3000XLT, a replacement for the
the BC2500XLT, on loan for evaluation. Although I've not
completed testing, I'm pretty impressed with what I've seen
so far and I haven't experienced the overload problems
which dogged the earlier BC2500XLT.

I've been told the street price will be near the Damark figure you
quoted for the old model and they are expected to become
available in a few weeks.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

154. map of transmitters in your town or neighborhood

Newsgroup: rec.radio.scanner
Date: 1995-01-06 02:29:13 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D1ypKp.5sG@nntpa.cb.att.com>
Source record: 263470
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Want to "see" where the transmitters are located in
your town or neighborhood? Find the source of that
rotten intermod interfering with your repeater or scanner?

From the rec.radio.scanner FAQ article:

Over 15% of the FCC licenses, including many fast food
restaurants, contain transmitter latitude and longitude but
specify no transmitter city. To determine the location of
those transmitters requires using the latitude and
longitude information.

As I have already done for dozens of radio enthusiasts in
several states, I will locate FCC licensed and selected FAA
transmitter sites in an area of your choice, and produce a
custom color map. I call this new innovation RadioMap(TM)
service. It allows you to identify antenna sites
(including paging and cellular phone cell sites) and
visualize the transmitter locations in your neighborhood,
near your office, at an airport, and other places of
interest -- from VLF through microwave.

This is completely different from the limited maps
displayed on the Grove Enterprises CDROM. Through a new
licensing arrangement with a professional mapping company,
RadioMap shows detailed streets, railroads, rivers, and
cities. Ham radio stations are not shown as they would
clutter the RadioMap. RadioMap includes key sheets which
list frequencies, callsigns, and licensee names. In rural
areas, ranges of up to 10 miles are possible, while ranges
of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports,
suitable for framing or laminating, for areas in any of the
50 states. Send $19.95 for each color RadioMap, your name,
address, and telephone number, along with center location
(nearest intersection of 2 streets, or latitude &
longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL
60543. tel. 708-554-3839 6-10 PM central time.

NOTE: please don't send e-mail to this account but feel
free to phone me at 708-554-3839 evenings if you have
a question.
--

```
================================================================================
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414
```

155. Tulsa freq's wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-06 02:41:41 UTC
From: darian@MCS.COM
Message-ID: <3eial5$ac0@Mercury.mcs.com>
Source record: 263310
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Would anybody know where I can find Chili Bowl Race frequencies for
the Tulsa Coloseium in Tulsa, OK on Jan 12,13,14?? I would greatly
appreciate it!
--

+---+
| Darian Mychals darian@mcs.com |
| PC specialist/Network troubleshooter by day... |
| Emergency Medical Technician (EMT) by night! |
| =-=-=-=-=-=-=-=-=-=-=-=-=-=-= |
| ftp: ftp://ftp.mcs.com/mcsnet.users/darian |
| WWW: http://www.mcs.com/~darian/home.html |
+---+

156. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-06 03:45:12 UTC
From: "David L. Bernstein" <73717.2464@CompuServe.COM>
Message-ID: <3eiec8$3aj$1@mhadg.production.compuserve.com>
Source record: 263471

re: ar8000

i bought mine from comsec associates (800-990-0911) for $589. Their
case is, I think, $25.

--- David

--

- "Sometimes there just aren't enough rocks." -
- - Forrest Gump -
---

157. Re: Scanners in a vehicle abroad

Newsgroup: rec.radio.scanner
Date: 1995-01-06 04:21:31 UTC
From: billsohl@earth.planet.net
Message-ID: <3eiggb$mbh@jupiter.planet.net>
Source record: 263473

brian varine (varine@ece.orst.edu) wrote:
: I live in Oregon where my freedom to posses a scanner in a car is still a
: freedom. If I go to a more communist/totalitarian style state where it's
: illegal to use a scanner in you car and I get pulled over while just
: passing through, what will happen to me?

If you are lucky you'll just get a warning and sent on your
way. From that simple interaction you could have the scanner
confiscated as evidence, you might be arrested, etc.

Bottom line is that you are supposed to obey the law(s) of
the state that you are in. Best bet is to not risk an encounter
by knowing which states are potential problems...OR get an
amateur radio license because each of the few states that actually
forbid scanners in automobiles all have an exemption for
amateur radio operators.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't have to give a damn about what anyone
thinks because this is a personal internet account :-)

158. Re: scanner laws

Newsgroup: rec.radio.scanner
Date: 1995-01-06 04:29:07 UTC
From: rosidivi@rintintin.Colorado.EDU
Message-ID: <rosidivi.789366547@rintintin.Colorado.EDU>
Source record: 263474

n2ayj@n2ayj.overleaf.com (Stan Olochwoszcz N2AYJ) writes:

>The Communications Act of 1934 says you can't repeat what you hear
>unless it was broadcast to the general public or intended for you.

I beleive the same Act of 1934 states that "[i]t shall be the right of
any US citizen to receive any radio transmission from any source whatsoever...
and no State shall make any law abridging this right" or nearly that.

This would seem to preclude and nullify ANY State law re. scanners...

159. Re: PRO-39 Opinion before Pur

Newsgroup: rec.radio.scanner
Date: 1995-01-06 04:43:54 UTC
From: paul@panix.com
Message-ID: <3eihqa$576@panix2.panix.com>
Source record: 263275

In <9501051916011069@nohobbs.org> brian.parker@nohobbs.org (Brian Parker) writes:

>MK-{I could not find an older Radio Shack catalog with the Pro-39
> -{but a Pawn shop is selling one for $169.00! Is this a deal
> -{or just average? No manual, of course and probably sizzlin'.

> Radio Shack just had them on sale for $189 or $199 just before
> Christmas sometime, this is with the manual and warranty.
> Just thought I would through it in so that you can be the
> judge.

I was in RS tonight and asked them about the sale price on the pro-39. Their computer came up with $219.99.

paul

160. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-06 05:12:54 UTC
From: mcs@crl.com
Message-ID: <3eijgm$db3@crl7.crl.com>
Source record: 263277

Southern Boy (CMOORE@wpo.csd.scarolina.edu) wrote:
: I have a 2032 (which you can mod, kids), which I listen to casually. I live
: in a small town where most everyone knows everyone else so it is kind of fun
: if nothing else to "listen in". Well, anyway, I began a relationship with a
: cute little girl early in December. Everything was going right and things
: were progressing quickly (you know).

: Anyway, after I met her the night after Christmas outside her work after 11
: pm, we sat in my car, talked some heartfelt stuff, and fogged the windows a
: bit. She had to go home so I followed her back to where she turns off to head
: home and I went on to the house. I went in to my bedroom where my scanner is
: and got ready to shed some threads. Guess who was chatting away on her car
: phone. She was telling this married guy she was messing around with
: everything that had transpired between us that evening. I listened in shock
: and disbelief as she tore me to pieces. What a Two-Faced Psycho Hose Heifer
: from Hell (actually, psycho chicks are the best)!

: So it turns out she is playing both of us and I couldn't deal with that. I
: don't know exactly how to deal with having that kind of information and I have
: considered getting rid of the scanner. On the other hand, this is actually
: information I need to know if she's just playing with me (I thought we were
: serious). Nonetheless, I broke it off with her that evening and we haven't
: seen each other since.

Well, I think it was better for you to get rid of her than your scanner
for a few reasons:

1) You now know that she was playing with you, so you should get made at
her, not your scanner.

2) She knew you could listen to her, so she was either playing playing
you because she thought you may be listening; or she may actually have
been playing you. Who knows?

3) You weren't intentionally listening to HER, I trust your scanner
was on either limit search or channel search, so you had no idea what
you'd pick up. Thus, it was coincidental, and it would be the same (I'm
not saying this would happen) as hearing about it from this guy she was
talking to.

My opinions.

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force

Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

161. Re: Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-06 05:20:11 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3eijub$r8t@umd5.umd.edu>
Source record: 263278

Ki4je (vhealey@crl.com) wrote:

: Phone companies heck. I have a software switch right here on my
: desk that rejects caller id. blocked calls when set.
: I can also set upto 100 numbers I want to be rejected by the second ring.
^^^^^^^^^^^^^^^^^^^

Ah, I think "second ring" is the key phrase here. I'm not trying to support the phone companies, but I wouldn't like having to hear those two rings. I would imagine that it might become annoying having to wait for the third ring to see if the call is "acceptable". Maybe I'm missing something. If, however, the CLID unit has the option of holding the ringing _until_ the third ring then this problem would be nullified; except, of course, for the other phones on the line that aren't connected to the CLID unit.

On the other hand, this WHOLE problem could be avoided by hiding your number from CLID boxes by dialing through the operator.

Regards,

Alex.

162. Re: Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-06 05:22:14 UTC
From: mcs@crl.com
Message-ID: <3eik26$dfd@crl7.crl.com>
Source record: 263279

Joseph Testa (jtesta@freenet.columbus.oh.us) wrote:

: Joseph S. Testa, Database Administrator, Computer People Consulting
: N8XCT, Official Relay Station (ORS),
: Local Govt Liaison (LGL) Pickaway County OH,
: Fond reader of Part 97, studying code and hope to pass 5WPM soon.....

So far off the subject- You're an ORS and LGL at the same time? If
emergency strikes, isn't it a little difficult to do both at the same
time? (Never been both, so I wouldn't know)

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

163. MUZAK

Newsgroup: rec.radio.scanner
Date: 1995-01-06 05:22:40 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950105211656.14632C-100000@watson.ECE.ORST.EDU>
Source record: 263284

I saw a little dish that looks like an RCA DSS reciever, BUT, it said
MUZAK on it. Now I don't want to pirate MUZAC or anything like that but I
was wondering, is MUZAK broadcast over sattelite(what freq do they use
too)?? The dish was pointed
towards the east at an angle of less than 10 degrees (I'm in Oregon @
around 44 deg N). It seems like a lot of hardware just to get some
"elevator music". Does MUZAK broadcast anything else besides their
god-awful music?

164. Cowlitz County Wa. freqs wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-06 05:42:47 UTC
From: tllong@eskimo.com
Message-ID: <D1yyJC.MB6@eskimo.com>
Source record: 263281

My uncle down in Longview Washington got a scanner and I'm trying to help
him get some good frequencies to listen to. If you have anything
interesting for Cowlitz County please either post them or e-mail to:
tllong@eskimo.com

Thanks
--
Tim Long (no, not that one-my checks are good)

165. Boy loses Girl on Sca

Newsgroup: rec.radio.scanner
Date: 1995-01-06 05:52:23 UTC
From: bseburn@vaxxine.com
Message-ID: <D1yyzB.5ru@vaxxine.com>
Source record: 263288

c > > : That's what *67 is for.
c > >
c > > and *69 is to call-back "weasels" that use *67 hahahah
c > >

Wronggg! I have tried that, we have our line blocked here.. we
called a friend, then they tried the old *69.. they got a message
from the phone company, but not my number. They were given the
option to call me back... but that doesn't matter much they still
don't know the number. :-)

___ Mountain Reader II - #00000039

--
this is where my .sig file will be... when I'm done!

166. AOR8000 and conversion

Newsgroup: rec.radio.scanner
Date: 1995-01-06 05:57:44 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3eim4o$cn@umd5.umd.edu>
Source record: 263282

What sort of conversion does the AOR8000 offer? Triple? Double?
Thanks.

-Alex.

167. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-06 06:07:55 UTC
From: michael.ayotte@netcom.com
Message-ID: <AB322C4B9668104A2C@rsg-av.com>
Source record: 263283

In article <D1wtGI.FJM@swcp.com>,
John Maio <jmaio@swcp.com> wrote:

>
>At least we agree on one point - public safety channels are *much*
>more entertaining. But your point on "narrowcasting" vs "broadcasting"
>leaves me curious. When I pickup my cellular phone, dial the number
>of a specific person - with the intent that my conversation is
>specificall for that person, the quintessential definition of
>narrowcasting?

Because the Cellular and the Cordless phones don't send the signal to the other phone or even to the base, they send it in a 360 degree by 360 degree sphiere (disregarding horizontal v.s vertical polization and antenna patterns an such). In other words it sends it to everyone withing range (which depends on the senitivity of the reciever). You are not just talking to your base, you are talking to everyone, but hopefully only your base is listening.

> As a HAM, if I pick up a mike and make a general
>call to anyone listening with the intent of starting a conversation,
>isn't that, in a sense, broadcasting? I *know* that many people
>will be listening and, in fact intended that by transmission be
>heard by as many people as possible to start the contact.

That is broadcasting, but If you were calling for a certain Operator who you knew would be on that frequecy , your call and subsequent conversation is still a broadcast. It is very likely that other hams will be monitoring and people like me are likely monitoring with our scanners (ham bands are interesting).

If you wanted to not broadcast you would need to do point to point transmission. At least all my RF and Microwave classes have given me this impression/opinion.

>If I want to make a secure phone call, I'll use a STU III.
>Just because the STU III plugs into a regular phone jack doesn't
>mean that the line is *secure*. In many cases, the transmission
>may go over a microwave link which can easily be intercepted
>with the right equipment. (Decrypting the intercept isn't so easy!)

Microwave signal because of the way they are transmitted are not broadcast. They usually have less than a 5 degree wide beam and are not transmitted through houses, but instead over them. You are definately right, no communication medium is absolutely secure, but with wired phone calles (even going over microwave links), the user has a reasonable expectation of

security. Phone calls going over satellite add an even greater layer of complexity, because they are broadcasts.

>My point is that I believe there is a difference between privacy
>and comsec (communications security). One depends on technology
>for security and the other on the law for privacy. If we continue
>to choose which laws we're going to obey and which we decide to
>break, based on our own standards, we're done for.

Everyone chooses which laws to obey everyday. I drive my car at 65MPH every work day. I jay walk on my way from my car to my work. And I prabably break several other minor laws and don't even realize it. I had a conversation with a pheonix police officer (DST) on IRC the other day, in which I mentioned the more stupid laws we have the less respect all laws (including the good ones) will get.

>If we don't like the anti-cellular monitoring law, then work to
>change the law!

I really don't care enough to do anything about it. I don't like (what I feel is) my rights being infrindged upon, but on the other hand cellular and cordless isn't usually that interesting to start with an I would prabably never get cought even if I did want to monitor.

168. A well-designed scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-06 07:47:39 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3eisir$2hf@umd5.umd.edu>
Source record: 263285

I'm looking for a handheld scanner that has some "luxury" features, but without too many of the options I would never use. Important features that I'm looking for (in no particular order):

1) Handheld
2) Triple conversion
3) Adjustable delay time
4) Selectable Scan (such as that of the AOR8000)
5) Alpha-numeric display
6) Ability to switch display light to _stay_ on

There are others, but you get the idea. None of the Radio Shack scanners offer anything with features #4,#5,#6, or even #3 if I remember correctly.

I'm looking for something more advanced than the PRO-43,51,62 but not so decked out as the AOR8000. I'm very familiar with computers/radio technology, and I am _capable_ of using the advanced features of the AOR8000, but the $600 price tag is restrictive. Would it be reasonably possible to find the AOR8000 used for something in the $400-$500 range?

Thanks for any advice.

-Alex.

169. 1500mhz preamp/antenna

Newsgroup: rec.radio.scanner
Date: 1995-01-06 07:59:09 UTC
From: jmswant@nwrain.com
Message-ID: <3eit8d$c5t@pop0.rain.rg.net>
Source record: 263286

Hi

Anyone know where I can get a 1500mhz preamp 20db and is there a company that makes a antenna
for this freq range.

thanks

170. Re: Connectors for Andrew 1/2 inch Heliax Wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-06 08:00:14 UTC
From: jmswant@nwrain.com
Message-ID: <3eitae$c5t@pop0.rain.rg.net>
Source record: 263287

> crisp@ecsvax.uncecs.edu (Russ Crisp) writes:
>
> Hello everyone.
>
> I have some Andrew 1/2 inch hardline, model FSJ4-50B. I need 2
> connectors that will attach to this cable, and allow a male
> pl-259 connector to be attached. Anyone have these things,
> or know of a source?
>
> Thanks.
> rc
> --
> Russ Crisp, Systems Analyst | Ham Call: KA4UXZ
> Western Carolina University | BITNET: crisp@wcuvax1.bitnet
> Business Affairs Division | Internet: crisp@wcu.edu
> Room 311-A, HFR Building | Voice: (704) 227-7003
>
>>>>
try a company called Tessco can't rember the 800 number but you can call 800-555-1212 for directory
assistance.... hope that helps you

171. Re: Digital Phone Snooping

Newsgroup: rec.radio.scanner
Date: 1995-01-06 08:12:25 UTC
From: jmswant@nwrain.com
Message-ID: <3eiu19$c5t@pop0.rain.rg.net>
Source record: 263289

> bushland@jolt.mpx.com.au (Edward Hodgson) writes:
> Does anyone have any informed knowledge of how likely it is that at some
> stage there will be some method of decoding through whatever means
> Digital Cell Phones ?
>
>>>>
Digital TDMA cellular phone transmissions are a very tough and complex signal to intercept as well as
not a legal thing to do if you could. The main problem is that right now there are 3 conversations on one
rf carrier. 3 mobiles out there pulsing data at just the right time so that it arrives at the base station in the
right time slot. The system talkes to the mobiles to time align to keep the data in sync or they would all
just squash each other. The reason that timing is important is because the mobiles are all different
distances from the base antennas, so it takes longer or shorter depending on who is where. TDMA =
time division multiple access. Don't hold you breath for anything out there to pluck signals off the air, its
a much more complex game out there now. Even the feds have problems now.

172. Re: ??? Scrambling ???

Newsgroup: rec.radio.scanner
Date: 1995-01-06 08:58:02 UTC
From: rdc@freenet.vancouver.bc.ca
Message-ID: <3ej0mq$loh@freenet.vancouver.bc.ca>
Source record: 263290

Chris Van Fleet (zenith89@bnr.ca) wrote:
: In article <1994Dec30.185643.1@leif>, fhartery@kean.ucs.mun.ca wrote:
: > Our local police are changing to scramble their
: > broadcasts. The type of scrambled transmission I am talking about sounds
: > like a warbling voice followed with a knocking sound in the foreground.
: > Technically to me it, seems like a SSB transmission with the pilot carrier
: > shoved (hidden) somewhere else.

: Sorry, I don't know what type of scrambling is being used here.
: I doubt it's something as simple as SSB or frequency inversion.

: What I would suggest you do is to find out if the police department
: are letting newspaper etc. reporters listen in. If so, claim you are a
: reporter (last time I checked, you didn't need a license to be a
: reporter) and ask for the privilege of listening in too.
:
: --
: Chris Van Fleet, Bell Northern Research.
: Phone (613) 763-7541, fax (613) 763-7383.
: Internet: zenith89@bnr.ca or ba794@freenet.carleton.ca

--

If it sounds like "swish swish swish" and then a woodpecker at four ticks
per second then I suggest that it is Digital Voice Protection (Motorola)
ran through TWO units. One sounds like a modem with a whine at the end,
I suggest that this "NEW" unit is simply TWO DVP's together in series.
The woodpecker sound gave it away for me, I figured out that was what
the whine would sound like if encrypted at the data rate used considering
the whines frequency.

Anyone else ?

Motorola maybe ?

173. TS 2

Newsgroup: rec.radio.scanner
Date: 1995-01-06 09:02:41 UTC
From: rdc@freenet.vancouver.bc.ca
Message-ID: <3ej0vh$loh@freenet.vancouver.bc.ca>
Source record: 263291

Does anyone know any good mods or tips for the TurboScan TS2 from Regency ?

--

174. Re: Expanded 46/49Mhz Cordless Freqs???

Newsgroup: rec.radio.scanner
Date: 1995-01-06 09:42:32 UTC
From: incrediblf@aol.com
Message-ID: <3ej3a8$nul@newsbf02.news.aol.com>
Source record: 263320
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Are these new frequencies in addition to the 25 base channels that I know
of?
I also know that the receiver channels 5-15 are in the 49.xx range
mentioned.
If there are more, please respond so I can go hunt em' up.....

175. Wanted Yupi MVT 7100.....

Newsgroup: rec.radio.scanner
Date: 1995-01-06 10:05:49 UTC
From: conduit@aol.com
Message-ID: <3ej4lt$o29@newsbf02.news.aol.com>
Source record: 263294

Looking for a Yupi MVT 7100 in good condition for a a reasonable price. Also looking for an unmodified BC 200XLT in good condition for a reasonable price. If you have one of these scanners for sale let me know!!!!!!!

Glenn
KD6GQN

176. Re: Seattle fire freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-06 11:47:08 UTC
From: Thomas Mitchell <thmitchell@delphi.com>
Message-ID: <Ra77Y1k.thmitchell@delphi.com>
Source record: 263293

KDAHLQUIST@DELPHI.COM <KDAHLQUIST@news.delphi.com> writes:

>Have they moved to 800Mhz yet? The freqs used to be 453.600, .700,.800
>or something like that.
>

Currently still toning out on 453.8; then going to 800 MHz for
communication.

177. Re: Wanted Yupi MVT 7100.....

Newsgroup: rec.radio.scanner
Date: 1995-01-06 12:51:58 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ejede$5ik@nntp.crl.com>
Source record: 263295

> Looking for a Yupi MVT 7100 in good condition for a a reasonable price.
> Also looking for an unmodified BC 200XLT in good condition for a
> reasonable price. If you have one of these scanners for sale let me
> know!!!!!!!
>
I saw what looks like a big price cut on these radios in
a shortwave magazine from Engalnd. You may want to
check on new price from Javaition etc. They may have
been trying to blow them out for xmas. I am not certain if Javaiton had them
on sale but others in the same magazine did.

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

178. Re: A well-designed scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-06 13:01:14 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ejeuq$5ik@nntp.crl.com>
Source record: 263297

> I'm looking for a handheld scanner that has some "luxury" features, but
> without too many of the options I would never use. Important features
> that I'm looking for (in no particular order):
>
> 1) Handheld
> 2) Triple conversion
> 3) Adjustable delay time
> 4) Selectable Scan (such as that of the AOR8000)
> 5) Alpha-numeric display
> 6) Ability to switch display light to _stay_ on
>
> There are others, but you get the idea. None of the Radio Shack scanners
> offer anything with features #4,#5,#6, or even #3 if I remember correctly.
>
> I'm looking for something more advanced than the PRO-43,51,62 but not
> so decked out as the AOR8000. I'm very familiar with computers/radio
> technology, and I am _capable_ of using the advanced features of the
> AOR8000, but the $600 price tag is restrictive. Would it be reasonably
> possible to find the AOR8000 used for something in the $400-$500 range?
>

May I suggest forwarding this query to Jonathan Cloug of
Javiation. The range and depth of scanners available outside of this
country is mind boggling. There may be one that fits the bill.

What is confusing is that some of these boxs are merely
slightly repackaged versions of some of the very products
even seen at radio shack. I don't believe bearcat sells
anything of significance outside the usa.
That may tell an observer something.

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

179. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-06 13:31:34 UTC
From: wierz@flamingo.cad.melpar.esys.com
Message-ID: <D1zK8M.883@melpar.esys.com>
Source record: 263300

```
In article <1995Jan5.155045@fnalv.fnal.gov>, colombo@fnalv.fnal.gov (Rick Colombo) writes:
|> In article <3ehmkn$6r5@sashimi.wwa.com>, fd@wwa.com (Glen L. Roberts) writes:
|> > Thomas J. Harrell (tharrell@nmsu.edu) wrote:
|> > : Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
|> > : : Anonymously, of course, and pray she does not have caller ID.
|> >
|> > : That's what *67 is for.
|> >
|> > and *69 is to call-back "weasels" that use *67 hahahah
|> >
|>
|>
|> Yeah, but they don't know your phone number when they do that. I recently
|> made a call, but used the wrong area code, so I hung up after one ring.
|> Then, my phone rang and it was the person I just called, incorrectly.
|> Ha Ha, the jokes on them because they just made a long distance call
|> to somebody they didn't even know.
|>
|>
|> RC

Hey Rick, someone *69'ed you from another area code? Interesting because in the 703
area code, (Northern Virginia) *69 doesn't get me out of the local area.

To all the other posters on this thread - don't worry about whether the girl has caller
ID when you play the tape recording into her answering machine - do it from a pay phone!

************************************************************
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
************************************************************
```

180. Re: Mobile signal choppiness

Newsgroup: rec.radio.scanner
Date: 1995-01-06 13:44:37 UTC
From: zlau@arrl.org
Message-ID: <1995Jan6.134437.19919@arrl.org>
Source record: 263228
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Bob Parnass, AJ9S (parnass@nwsf.ih.att.com) wrote:

: Most of this is unavoidable. You are experiencing Rayleigh fading,
: a fact of life in which the transmitted signal is being bounced
: off nearby buildings and structures and the elements of it
: are arriving at your antenna at different times as you drive.

: The various signals combine and constructively and destructively
: depending on where you are, and that (of course) changes as you
: move ==> the resultant signal strength varies.

Perhaps some sort of diversity reception would help--using an array
of antennas and choosing the best signal.

Also, it may not be intuitively obvious that the choppiness is the
result of the signal fading in and out of the noise level. This
is how FM, frequency modulation, typically reacts to weak signals.
If you think about it, the signal disappearing is a big change in
frequency--thus a lot of modulation.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

181. Re: GRE Superconverter

Newsgroup: rec.radio.scanner
Date: 1995-01-06 14:26:53 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <3ejjvd$5d1@news.cs.brandeis.edu>
Source record: 263305

Joseph Covello asks about the GRE Superconverter ICOM/combo.

I had a Superconverter, which I used very successfully with my
old Pro2021 (I have sinced traded up to a Pro2006). The
combination worked great for me. Of course, you have to remember
that in order to get the 800 freq's you have to 'punch in' the
400-912MHz frequences on your scanner, and that while the GREhat
is on, your scanner cannot receive BOTH the 400 and the 800
freqs at the same time. Which was one reason why I sold the GRE.
Personally, I think the GRE/Icom package, even if the combo
price is good, doesn't make that much sense while the Pro2006
is still available (and modifiable).

Jeff Briskin
Brandeis University
briskin@binah.cc.brandeis.edu

182. Radio Sources on the Internet

Newsgroup: rec.radio.scanner
Date: 1995-01-06 15:07:52 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.57.000F2207@ccm.hf.intel.com>
Source record: 263322

```
Radio Sources on the Internet

Here is the second draft. Thanks for the updates.

Please send updates and corrections to:
brett_miller@ccm.ut.intel.com

World Wide Web
---------------
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggins

FTP
----
ftp.cdrom.com /pub/hamradio/
oak.oakland.edu /pub/hamradio
ham.eetech.mcgill.ca /pub/ham-radio
bubba.business.uwo.ca /mods
garfield.catt.ncsu.edu /pub/hamradio
ftp.sunet.se /pub/radio
ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
mgate.arrl.org ARRL FTP site
ftp.cs.buffalo.edu /pub/ham-radio
ucsd.edu /hamradio
unbc.edu /ampr
tandem.com /hamradio
nic.funet.fi /pub/ham
```

ftp.demon.co.uk /pub/ham/mac - MAC stuff
grivel.une.edu.au /ham-radio
rtfm.mit.edu /pub/usenet/news.answers/ham-radio - Radio FAQs
ftp.qrz.com /qrz - QRZ CD-ROM files (no callsign database)
archive.afit.af.mil /pub/space/amateur.tle - Keplerian Elements
ftp.crl.com /user/ro/vhealey/www (use WWW viewer for HTML docs)

E-Mail servers
---
ftpmail@exchange.tlh.fl.us - get INDEX.TXT
qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
callbook@n8emr.cmhnet.org - Callsign server
wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mail-server@rtfm.mit.edu - put help in the message body

Gopher
---
gopher.switch.ch /11/misc/faq/faq-dir FAQs
hamster.business.uwo.ca (129.100.89.100)
gopher.cic.net /11/e-serials/general/radio
scitsc.wlv.ac.uk /11/pub/hamradio
yfn.ysu.edu /11/public/sigs/ham
gopher.fcc.gov

USENET
---
alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
alt.cellular - (I've never seen any cellular related traffic yet)
alt.radio.pirate - Pirate radio station topics
rec.antiques.radio+phono - Antique radio & phono topics
rec.radio.amateur.antenna - Antenna related topics
rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
rec.radio.amateur.misc - Main newsgroup for Ham radio topics
rec.radio.amateur.digital.misc - Digital communications (including Packet)
rec.radio.amateur.homebrew - Make your own radio equipment
rec.radio.amateur.packet - (not used any more?)
rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
rec.radio.amateur.space - Ham radio & space communications
rec.radio.broadcasting - AM & FM broadcasting
rec.radio.scanner - Monitoring above 30 MHz
rec.radio.shortwave - Monitoring below 30 MHz
rec.radio.swap - radio related sales & swap topics
rec.radio.cb - Citizens Band Radio topics
rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

183. Re: Connectors for Andrew 1/2 inch Heliax Wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-06 15:13:32 UTC
From: "Norman F. Herzog" <nherzog@unomaha.edu>
Message-ID: <3ejmms$din@s-cwis.unomaha.edu>
Source record: 263301

> I have some Andrew 1/2 inch hardline, model FSJ4-50B. I need 2
> connectors that will attach to this cable, and allow a male
> pl-259 connector to be attached. Anyone have these things,
> or know of a source?

Andrew (800-255-1479) lists P/N 44ASP-75 (UHF Plug (male) for $47
in their catalog 35 (1993 price list). Not cheap but reliable.

Norman F. Herzog Mgr. Engineering UNO Television and KVNO Radio
University of Nebraska at Omaha, 6001 Dodge St, Omaha, NE 68182-0022
NHerzog@UNOmaha.edu Voice: 402-554-2516 FAX: 402-554-2440
http://lisa.unomaha.edu/Norm.html
---

184. Re: BearCat 8000 ?

Newsgroup: rec.radio.scanner
Date: 1995-01-06 15:26:26 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.58.000F7140@ccm.hf.intel.com>
Source record: 263226

In article <1995Jan5.191754.1@leif> fhartery@kean.ucs.mun.ca writes:

>Hi again folks !

> Is there a tech out there who knows the demodulation scheme for
>a BearCat 8000 regarding its tone board option ? Does the tone board
>imply frequency inversion is used during transmission ? I hope I got the
>model number right, someone only mentioned the model to me over a brief
>chat.

The tone board for the BC 8500XLT (and a few other models) is to allow you to use CTCSS (Continuous Tone Code Squelch System) a.k.a PL. This allows you to only hear the transmission you want. This assumes that the transmissions contain the tone to begin with. This has nothing to do with speech scrambling. The CTCSS to is a sub-audible tone that is sent with the transmission. The receiving radio will only open squelch if the correct tone is present.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

185. PRO-39 user manual needed?!

Newsgroup: rec.radio.scanner
Date: 1995-01-06 15:32:08 UTC
From: koi@uncledad.nwscc.sea06.navy.mil
Message-ID: <9501061532.AA28338@uncledad.nwscc.sea06.navy.mil>
Source record: 263302

I purchased a PRO-39 and it came with no manual. Is a softcopy available
for this model or similar Radio Shack Models (w/hyperscan). Or should
RS be the best approach?

Thanks
koi@uncledad.nwscc.sea06.navy.mil

186. OptoScan 456 availability

Newsgroup: rec.radio.scanner
Date: 1995-01-06 15:40:01 UTC
From: retzer@alpha2.csd.uwm.edu
Message-ID: <3ejo8h$42r@uwm.edu>
Source record: 263303

Just curious if anyone knows of a good place from which to order
the OptoScan 456. Grove has them on backorder for about 2 weeks and if
you order directly from Optoelectronics the cost is $299.00.
(about $20.00 more than that of Grove).

Many thanks,
Joe Retzer

187. Re: AR 900 info

Newsgroup: rec.radio.scanner
Date: 1995-01-06 15:46:39 UTC
From: schuster@panix.com
Message-ID: <3ejokv$6fg@panix3.panix.com>
Source record: 263304

In article <3ei8k9$25g@hptemp1.cc.umr.edu>, <krphelps@umr.edu> wrote:
>Can anyone give me information on the Ar 900 (besides freq range). I have the opportunity to
>pick one up for 100 bucks.

It's the reason Grove stopped carrying the AOR line :-)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

188. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-06 16:31:00 UTC
From: old-salt@li.net
Message-ID: <3ejr84$2ps@linet01.li.net>
Source record: 263306

```
Glen L. Roberts (fd@wwa.com) wrote:
: Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: : Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
: : : Anonymously, of course, and pray she does not have caller ID.

: : That's what *67 is for.

: and *69 is to call-back "weasels" that use *67 hahahah

Not anymore in NY state. Now *69 will not work for unlisted numbers.
--
-------------------------------------------------------------------------
| Old Salt | old-salt@li.net |
| "Freedom's just another word for nothing left to lose" - J. Joplin |
-------------------------------------------------------------------------
```

189. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-06 16:38:33 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Jan6.103833@fnalv.fnal.gov>
Source record: 263307

In article <D1zK8M.883@melpar.esys.com>, wierz@flamingo.cad.melpar.esys.com (john wierzbicki ec) writes:
> |>
> |>
> |> Yeah, but they don't know your phone number when they do that. I recently
> |> made a call, but used the wrong area code, so I hung up after one ring.
> |> Then, my phone rang and it was the person I just called, incorrectly.
> |> Ha Ha, the jokes on them because they just made a long distance call
> |> to somebody they didn't even know.
> |>
>
>
> Hey Rick, someone *69'ed you from another area code? Interesting because in the 703
> area code, (Northern Virginia) *69 doesn't get me out of the local area.
>

Ya know, I was thinking about that. I'm thinking (now) that what I did
was I failed to use the area code on my incorrect call thereby getting
someone in the same area code. Anyway, I still think this option of calling
back someone when you don't even know who/what they are is silly.

As for the original thread, I agree, lose the girl and keep the scanner ;-).

RC

190. Re: Shuttle Comms - TV

Newsgroup: rec.radio.scanner
Date: 1995-01-06 16:54:19 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Jan6.105419.81968@kuhub.cc.ukans.edu>
Source record: 263308

Roger.Cravens@f239.n109.z1.fidonet.org (Roger Cravens) wrote:
>
> I went to Florida last summer and quite by accident, the Shuttle was
> scheduled to take off. My and wife and I both stood with jaws hanging
> down to our belt buckles over this incredible piece of human
> engineering. I was fortunate in that I had my 200XLT with me, but with
> very, very few frequencies.
>
> This year, I believe I'm loaded for bear. Going back on vacation,
> _BUT_, will be taking my 200XLT/PRO-2006/ICOM R-71A HF Receiver, and
> for
> reception, my Scanner Beam and Scantenna for the two scanners, and a
> roll of 17 gauge aluminum wire (and a sling-shot to get it over a tree
> somewhere).
>
> Now, since I am now hardware rich, but frequency poor in this
> particular
> area, I am asking for and would seriously appreciate any and all
> frequencies for the shuttle, launch pad, going up, coming down, and all
> phases in between.
>
> Also, if anyone has the 1995 summer schedule (from around May through
> August), would also appreciate that, too.
>
> Thank you ever so much!
>
> Roger
> ***
> * QMPro 1.52 * "We served because it was our duty" * Remember Us?
> ---------
> Fidonet: Roger Cravens 1:109/239
> Internet: Roger.Cravens@f239.n109.z1.fidonet.org
>

When we viewed a launch we took a portable TV with analog VHF/UHF
tuning. Around ch.14 UHF (or it could have been ch.13 VHF) we
found a local, low power station. It included NASA programming
of video and audio not carried by the networks. It included
pilot breifings, weather reports, communication links with
Houston, reasons for holds the networks weren't carrying, etc.

Have fun,
de Dick, N0USP
Internet:dharper@kumc.wpo.ukans.edu

191. Security Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-06 17:18:30 UTC
From: cej@s3106h26.atl.hp.com
Message-ID: <3eju16$5oq@hpuerci.atl.hp.com>
Source record: 263311

I was wondering if anyone out there happened to have the freq for
a local security company here in Atlanta.
They are ARKO Executive Services and have STANDARD(brand) HT's
with small 3inch stubby antennas.
If you have them listed in a database or know of a freq i could
try let me know.
thanx
cj

192. Bearcat Scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-06 18:19:19 UTC
From: tlindsey@st6000.sct.edu
Message-ID: <3ek1j7$cq9@galileo.sct.edu>
Source record: 263318

I am a little unsure what the deal is with the Bearcat 200 and 2500 models.
Are they or not still internally modifiable? I have seen advertisments that
they are yet when you call these places they say they are not modifiable.
Can someone shed some light on the subject for me?

Tyler

tlindsey@st6000.sct.edu

193. Scanning in Georgia

Newsgroup: rec.radio.scanner
Date: 1995-01-06 18:23:10 UTC
From: tlindsey@st6000.sct.edu
Message-ID: <3ek1qe$cq9@galileo.sct.edu>
Source record: 263319

Is it legal to user your scanner in a car in the state of Georgia?

Tyler

194. SW Radio Reviews (LONG - 65K)

Newsgroup: rec.radio.scanner
Date: 1995-01-06 18:33:56 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <3ek2ek$on9@hubcap.clemson.edu>
Source record: 263312
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

---

Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-350
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1
Sony SW-15

Sony SW-55
WATKINS-JOHNSON HF-1000

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year now and am really pretty happy with it.

Advantages: Size - Measuring approximately 4 3/4 x 2 5/8 x 1, you can take this little mini anywhere! Even slip it into your shirt pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m, 25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals, no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The SW sensitivity is quite good for my area of the country, Cleveland, Ohio. The speaker has a nice sound and improves thru the earphones. FM stereo thru headphones is great! MW DXing is surprisingly good! I can grab signals from Boston, Chicago, New York and Cincinnati much better than on my Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun to fiddle with or take for travel when you're in a pinch. Radio Shack has discontinued this model so you might be able to find it on sale for around $50.00. I love the size! Ideal for travel! I'm

beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-350 - 1

I bought this radio when I first started out in shortwave listening
because it was the cheapest thing at Radio Shack. I think I paid $60
for, but I'm pretty sure the price has gone down since then.

Nowadays I mostly use it as my travel radio. Sesnitivity is okay for the
price, but not too great. When I'm at home (western US) I can pick up
the major international broadcasters, but no too much else. On my trips
back East, I've found sensitivity picks up some, but it's still only
fair.

Performance on the AM and FM bands is average, but longwave seems to be
nearly useless. I've never heard any nav beacons on this one, even
though there are several near my house.

Radio Shack sells a reel antenna for about $8, and I picked one of these
up when I bought my radio. It helps reception a little, but not very
much. A much better solution is to wrap a stripped end of a wire around
the the whip antenna, and attach the other end to a metal windowframe.
I've tried connecting my longwire to it, but that just overloads the
receiver (not surprising).

One major problem that I've noted is that the dial markings on some
shortwave bands seem to be off by up to 10 kHz. If you know about it,
it's not much of a problem to work around, but initially it could be
quite confusing.

Overall, this receiver is average for its price. There's no real
surprises, either good or bad. If you really want an inexpensive radio,
go for this one. Otherwise, I would advise saving your money and going
for an inexpensive digital radio.

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in the front or side pocket of an average sized backpack. It is just great when you are walking back home from school/work ... it can be easily carried in one hand as you catch up on the news from BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep with music... the FM sound is pretty good in stereo (headphones)... The AM reception is also fairly good but it has a very high tendency to catch those Bible bashing stations...probably a reflection of the region where I live...

The strap is a little shoddy and I have a feeling I may have to `fix it' soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify this. I bought it on sale from Radio Shack for the bargain price of $129.95! It regularly retails for $179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380 is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even better! I read another review that said reception was lousy....I think that individual should check his particular receiver as he might have the rare defective unit. MW reception is also outstanding and with a Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the select-a-tenna! With the S-A-T reception gets an added boost!

(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like something smaller, like the 606. This size, however is fine. I've carried hardbound books on jets that are larger. The many features makes up for it's slightly larger size over a mini. It does not have SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought it for the price of $179.95. There are other radios in that price range that ive ya more bang for the buck. At $130.00, it's a great deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each

memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells)

They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz

increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery.
I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right.
Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65 17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick)

analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer

memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still

don't know why Radio Shack discontinued it. If you're looking for a good starter shortwave radio and can still find one laying about at a Radio Shack store priced to move, GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee and I did not know if I would like the hobby or the radio. Good points: direct-entry tuning, 36 station memories, fairly small so it is easy to travel with, speaker sound was good, reception was okay, but improved dramatically with the addition of the Radio Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning steps, only major broadcast bands tunable (large gaps between bands), selectivity not so good, no fine tuning, no BFO, no SSB or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently

skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour

clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is
covered from 7100 to 7300. So if you want to listen to the BBC
on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European
signals during the day that I cangrab when I attach a long wire.
The 3625 can't tune these freqs. but it can grab 15400 (from
africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a
Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average
selectivity. Covers MW (in 10 kHz steps only), FM (no stereo),
and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-
in timer/clock (12 hour format only), 5 programmable memory
locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers
MW, FM (stereo through headphones), and SW in 8 bands (roughly
split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and
60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

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Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth
listing now.

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Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic
window for the digital display, which the factory replaced. It is
an extremely sensitive receiver. I installed the FM detector board
option, which is highly useful for Sub-Carrier detection from FM
broadcast receivers in conjuction with the R70's ability to tune
below 100khz without a frequency convertor. The so-called PassBand
Tuning (PBT), in actuality an asymmetrical bandwidth narrowing
control, is very mediocre with the factory 455khz filters. Replacing
the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole
crystal filter (equivolent to the ICOM FL-44) makes the passband
filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

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Drake SPR-4 - 1

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Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than

the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's low-pass audio filter, giving better bass response than normal SSB mode on the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option board; both can coexist. Installation is somewhat difficult, as it involves connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This installs fairly easily in place of the narrow CW filter. It is very much better than the stock ICOM 6 kHz bandwidth, which is wide-open until it hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter. They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard synchronous detector for the R71 as well as other receivers. The Kiwa MAP unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual, which details mods like enabling the preamp on MW, true pass-band tuning, sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

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Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to put it in here.The TS-450S is an amateur transciever that costs little more than a R-5000,and if you have your ham ticket or are thinking about getting it,may be worth checking out if you are in the market for a new toy.I'd be willing to bet the replacement for the 5000 will look just like the 450,just like the 5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that is unlike any other I've ever seen.It is almost too bright!The brightness cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes except for fax.It has a"normal"keypad unlike the 5000 and the aggravating CW that is produce when a major button is pressed can be silenced by y -a simple menuss,you dont have to cut a wire like the 5000he S-Meter is a bar-graph type that I like but some people dont.It also has an Audio meter function that kin baffles me.I still dont know what use it is,but it looks nice!Probably the most notable thing you will observe when using the 450 is the QUIET!It is so quiet,it seems strange the first couple of times you use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest

and slowest AGC I've ever seen,on slow the S-Meter just sits there and then SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is really odd.The stock filter for AM is a mile wide but you can add the YK88 AM filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one of the better Murata ceramic filters and is ok but the optional SSB filters are highly recommended.The audio is FANTASTIC on all modes and if you put one of the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother with the Kenwood speakers,the one that goes with the 450 is not too good and is expensive too!The ergonomics are pretty good,except for the tuning knob,yes like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why does Kenwood insist on putting these awful knobs on all the rigs they have made lately!All in all,it is a very good riever in almost all respects,and since t it only costs about $100 more than a 5000,it is worth a lookND as a bonus, the recieve coverage goes up to 40 mhz!If you are into low band scanning,you will hear things on the 450 you never knew existed on your scanner.If you can swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive
you bonkers if you have good hearing and a speaker that can put out the highs.
I have had two of these,the first I traded for a sateite setup,and the one I
have now.The newer reciever has mucbetter audio then the first one and lesess
hiss too.Ergonomics are very good MUCH,MUCH better than the Drake
R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the
U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh
well,back to the 525,if you are into AM,it's probably not the reciever for you,
but in allthe other modes,it is one of the best consumer grade recievers ever
made.Performance in all modes is basically excellent except fothe audio pr
problem,and stability is rock solid.JRC has only cut a few corners compared
to the 515,probably the ultimate in construction for consumer recievers.
The case is made of very thin sheet metal and the front panel is plastic.The
keys fit loose in the keypad but work ok.The display has four brightness
levels and is very easily read from across the room.The S-Meter is "digital"
and is a floating vertical bar segment that seems to be yellow on some samples,
and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 2

I have been using a NRD-535 for two years and i am very pleased
with it. Although the relative high price makes this a radio
for the serious DXer and maybe not the average Shortwave listener.

The NRD-535 has very good ergonomics. It is very easy to operate
during long listening passes. It has 200 memory channels which comes
in handy for storing interesting frequencies that you want to
check later, or stations that you want to check regulary.

+ side:
On the plus side there is the BWC and the very good sensitivity.
The BWC combined with the PBT makes it possible to make
a station readable that is very close to another station, or
a interfering RTTY transmitter. I find that i mostly uses
the SSB mode and zero tunes the station, and then uses the
BWC and PBT to get the most readable signal. The BWC and
PBT has saved a lot of reports for me. The sensitivity
is excelent. It is among the best in this price class.

- side:
The audio in the built in speaker is mediocre to put it mildly.
A station that you read loud and clear in the earphones can be
inaudible in the built in speaker. The selectivity is not as
good as it could be. The NRD is very sensitive for splatter from
nearby stations, and this can totally drown the station that you
want to listen to. The ECSS option that you can equip your NRD with
is a joke. I have it installed but i NEVER uses it. The only time
you can use the ECSS with any improvement of the signal, is if the

received signal is strong to begin with. Don't waste your money on the ECSS.

The conclusion is that the NRD-535 is a very good receiver for the serious DXer but it has some shortcomings. The 535 is much better than the Icom R-70 that i had before, and i would recommend it to anyone that asked me. What you might want to do is change the filters to somewhat sharper filters. That goes for both the 9 MHz and the 455 kHz filters.

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Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE

keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

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Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do.

The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

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WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient

frequencies, like the propagation beacons on 14100 KHz. There are
a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous
detection (this is supposed to be sent out as an upgrade chip later), and
IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think
it will be the last one I will have to buy for quite a while.

Watkins-Johnson HF-1000 Review Part 2

Watkins-Johnson SAM option for HF-1000

Recently I received the firmware for installing Synchronous AM
(SAM) detection in my HF-1000 receiver. I was able to install it in
about 1/2 hour and it worked great. In testing it I compared it to the
ESKA phase lock AM board installed in my NRD-525. Here are the results
for strong and weak signals:

Parameter	ESKA+NRD	HF-1000+SAM
Weak signal lock range	+- 20 Hz	+-250 Hz
Strong sig lock range	+- 40 Hz	+-900 Hz

As an on-the-air test I tried to lock onto Radio Pyongyang, 13760 KHz at
1300 UTC. The signal was weak and fading rapidly at 1300 UTC and was being
broadcast on 13760.1 KHz. The HF-1000 was able to lock it immediately even
when set to 13760.000. NRD was not able to lock it at all, even when set to
13760.1. Impressive!

Another modification in the new firmware is a change in the AGC function.
It is now possible to set three decay rates from the front panel for each
AGC setting, Fast, Medium and Slow. In addition it is possible to allow
the manual gain setting to control the AGC threshold while in AGC mode.
This is a great help for the AGC control. I spent many hours trying to
get the AGC decay rates correct on my NRD receiver, and was never happy
with that AGC. This required pulling out the IF board, replacing some of
the SMDs, putting it all back together, and then trying it. Digital AGC
processing on the HF-1000 makes this a snap, taking only a few seconds.

After several months of using this new mode of reception, it is the one
I nearly always use for SWLing and DXing. For weak AM signals it is hard
to beat. If the signal is readable at all, it will be able to lock on it.
By using both sidebands, you end up with a better signal to noise ratio
than with only one sideband. The HF-1000 is even more impressive now
with this addition. The only times that I have had to resort to ECSS on
AM signals is when there is interference on one sideband. Watkins-Johnson
reports that they will have single sideband SAM in the future which will
get around this. There are several other options that they are working on,
one of which is a plug in board for PC processing. I assume this will have
real time spectrum analysis and memory functions built in.

****
AR3000 - 1

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF receiver + scanner setup. It is still unclear to me how far is the AR3000 from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going to list (I would like to hear comments about), but perhaps I'm just pretending too much from a receiver in which something had to be traded off between versatility and performance. Please note that I have a 4 years old AR3000; some defects could have been amelio-rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack of a variable Am bandwidth. SWL in crowded bands is too often spoiled by the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent signal lying some -+30 khz apart. I suspect this may be rather a problem of AGC voltage (see below on squelch), because the feedback signal is obtained from the previous to the last i.f. stage, which may have a larger than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional. On my set almost everything passes for knob positions below .3 and only >S6 passes when I increase to .5. It may be a problem of adjustment, but also reflect the inaccurate behaviour of the S-meter, which (I have no measurements to support) seems not properly logarithmic. I have the impression that weak signals give a high S readout when close to stronger ones, because the S-meter averages on a larger bandwidth than the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity improves a lot when connected to an external speaker or lineout. No noise reduction circuitry is present. External audio equalization does a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different demodulator (say wide band AM for satellite or TV, stereo FM decoder, sinchro SB AM decoder). A modify could be to buffer it to a backpanel jack.

-Intermodulation IS present. I live very close to power MW transmitter, and in the times they're on the whole band .5 : 2.5 Mhz is unusable, with crosstalk on every possible combination of transmitter frequencies. At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even with a short random wire antenna. However, I don't hear crosstalk due to FM transmitters, which are also close to my place. The 13 front end filters seem to do their job, since strong signals don't cause crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In the AR3000a it has been replaced with a (I guess optically encoded) smooth one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is

very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories .
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

195. Re: AR3000A Sofware

Newsgroup: rec.radio.scanner
Date: 1995-01-06 19:28:52 UTC
From: jefft@bbs.gatecom.com
Message-ID: <gate.V3Viyc1w165w@bbs.gatecom.com>
Source record: 263313

>In <andras.788707358@helios> andras@helios.usq.EDU.AU (andrew
> andras)
>writes:
>
>>
>>I am looking for and FTP site to get software to run my AR3000A
>
>>Does anybody have any information
>>
>>Thanks in advance
>>
>>Andras
>>Toowoomba Qld Australia
>>
>>
>
>Andras,
>
>Chuck Schram in Houston has both a DOS and Windows based program
> on
>Compuserve under the Hamnet / Scanning section. I have used
> the Windows
>based product and it works well and would recommend it.
>The Gesmundo software from Michigan I think is the best for
> DOS. I
>don't know where it is available now though.
>
>Alan
>ABowker@ix.netcom.com

Does anyone have Chuck Schram's email address or a way to get this
software over into AOL's Ham radio forum? Please email me directy with
any advice. thanks.
cc: volare@aol.com

Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

196. pro 2032

Newsgroup: rec.radio.scanner
Date: 1995-01-06 20:43:46 UTC
From: arvidson@lagrange.math.colostate.edu
Message-ID: <3eka22$1kq9@yuma.ACNS.ColoState.EDU>
Source record: 263314

Hi, I just received a pro-2032 for xmas and was wondering if there are any modifications I can do to it. Is this a decent scanner? I know it is a discontinued model. I think my wife paid $189. Any comments you have would be appreciated. Thanks,
John Arvidson
arvidson@math.colostate.edu

197. AR8000 and Scout (?)

Newsgroup: rec.radio.scanner
Date: 1995-01-06 21:16:21 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ekbv5$jos@nntp.crl.com>
Source record: 263244
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Here is a question I received by email....

Hi. I was browsing your AR8000 homepage. I gather the AR8000's computer
interface is not compatible with the CI-V ports common on Icom, Kenwood,
and various other scanners? Do you know if this is correct?

If so, it's a shame. I just got the Optoelectronics Scout frequency
counter, and it directly controls CI-V radios like my R-7100. It would
be great to use the Scout together with the AR8000, but it sounds like
that won't work. Foo.

png
.....

Does anyone know the answer to this fellow's query?
I am not familar with exactly what the others have. I do know that
the commands on the res 232 bus of the ar8000 are more extensice
then the other radios. If the Scout is designed with specific
units in mind and formats commands in a different way naturally
it isn't going to work out of the box.It will have to be updated
to match the new generation of commands.

Software can pin point one of three vfo's, read and write to them as well as
the standard 1000 scan memories etc. What more does the scout do?

Post here and mailto:"Peter N. Glaskowsky" <png@woof.net>

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

198. AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-06 21:17:07 UTC
From: opp@netcom.com
Message-ID: <oppD205sJ.3DC@netcom.com>
Source record: 263315

I have one for sale, new in box, with extras. No 800 gaps! If interested
e-mail.
--
opp@netcom.com

199. Re: AR 900 info

Newsgroup: rec.radio.scanner
Date: 1995-01-06 21:22:39 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ekcav$jos@nntp.crl.com>
Source record: 263316

> In article <3ei8k9$25g@hptemp1.cc.umr.edu>, <krphelps@umr.edu> wrote:
> >Can anyone give me information on the Ar 900 (besides freq range). I have the opportunity to
> >pick one up for 100 bucks.
>
>
> It's the reason Grove stopped carrying the AOR line :-)

Mike why did they pick up the AR8000?

200. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-06 21:24:57 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ekcf9$jos@nntp.crl.com>
Source record: 263317

> In article <D1zK8M.883@melpar.esys.com>, wierz@flamingo.cad.melpar.esys.com (john wierzbicki ec) writes:
> > |>
> > |>
> > |> Yeah, but they don't know your phone number when they do that. I recently
> > |> made a call, but used the wrong area code, so I hung up after one ring.
> > |> Then, my phone rang and it was the person I just called, incorrectly.
> > |> Ha Ha, the jokes on them because they just made a long distance call
> > |> to somebody they didn't even know.
> > |>
> >
> >
> > Hey Rick, someone *69'ed you from another area code? Interesting because in the 703
> > area code, (Northern Virginia) *69 doesn't get me out of the local area.
> >
>
>
> Ya know, I was thinking about that. I'm thinking (now) that what I did
> was I failed to use the area code on my incorrect call thereby getting
> someone in the same area code. Anyway, I still think this option of calling
> back someone when you don't even know who/what they are is silly.
>

Hey my wife works as a civi for the county PD. Scares the sh@# out of them
when we call back bprank callers and warn them about making such calls.

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

201. Re: 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-06 22:02:07 UTC
From: daryll1@aol.com
Message-ID: <3ekekv$r4k@newsbf02.news.aol.com>
Source record: 263233

Jim.... Thanks for the info on the MilSat antenna, much appreciated! The design looks like it should work, I'm gonna give it a try. A friend of mine uses a military discone with a $200 preamp, and I can't find one of those. He hears a lot of good voice stuff, just have to sort thru the "unreadable" transmissions. Thanks again!
.Daryll

202. Re: 1500mhz preamp/antenna

Newsgroup: rec.radio.scanner
Date: 1995-01-06 22:07:30 UTC
From: daryll1@aol.com
Message-ID: <3ekev2$r5t@newsbf02.news.aol.com>
Source record: 263321

RE the 1500 MHz preamp.... I have one on my INMARSAT antenna, works great. It was from Down East Microwave. Their TX was 207-948-3741 in Troy ME, but I read an ad a few weeks ago saying that they have moved to Lebanon ME at 207-658-7758. It was about $125, really makes the INMARSAT beam work!
.....Daryll

203. Re: 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-06 23:08:57 UTC
From: jsmithh@cix.compulink.co.uk
Message-ID: <D20Ayx.92I@cix.compulink.co.uk>
Source record: 263323

In article <3dsrgj$b11@newsbf02.news.aol.com>, Daryll1 (daryll1@aol.com) writes:
>Anybody know where I could purchase a decent antenna for the 240-300 MHz
>military satellites? This crummy discone just doesn't get it. How about
>making one from a VHF TV antenna? If the elements were trimmed to the
>correct length and the thing was aimed right, think it would work? OK, so
>the TV antennas are linear and the MilSats are circularly polarized
>(mostly), but with a decent preamp maybe it'll work. Anybody have any
>experience with this?
> Thanks.....Daryll
>
I have kept the following text for some months now and have been meaning to have a go and built one;

"For those of you interested in listening to the 242 to 270Mhz Milsat band, here are some tips and
equipment ideas to get you on the air. With our current activities in the Gulf, there's plenty to
hear !

The antenna I'm using is a 12 turn axial mode helix...the preamp is a 20Db gasfet from
Advanced Receiver Research. They advertise in QST. They dont stock a model for the Milsat
band, but they'll gladly build you one for around $100. Mine has a centre freq. of 262Mhz.

The receiver is a Yaesu FRG-9600. It's continuous coverage from 60 to 905Mhz, all mode
receive. Great little radio.

The helix antenna is VERY easy to build. For a centre freq. of 262Mhz the following dimensions
will give you about 16Db gain over the entire 242 to 270Mhz Milsat band:

Diameter of the helix - 14.5 inches
Circumference of helix - 45.4 inches
Pitch or spacing of turns - 11.35 inches

The dimensions are not critical. If you're within 10% of these numbers it'll work fine. The helix
element can be constructed from refrigeration type copper tubing, 1/4 inch diameter. The
reflector can be anything from chicken wire to hardware cloth. If you make it square, it should be

.8 to 1.0 wavelengths on a side, so 45 inches will work well.

The polarisation is Right Hand Circular, in other words, if you're standing behind the antenna, at
the feed point end, the turns of the coil should spiral away from you in a clockwise direction. The
nominal impedance of the above antenna is around 140 ohms. To get a good match to 52 ohm
coax, try making the first quarter turn at the feed point end run parallel to the reflector at about
1/8 to 1/4 inch spacing from it. This will act as an impedance matching transformer and give you
a pretty good match. DO use good low-loss coax, Belden 9913 will give you the best results. This
antenna has a beam width of 30 degrees and is VERY broadbanded. Be sure to use a non-
conductive boom, hardwood works, Fiberglas works much better. PVC tubing has too much sag,
don't even bother !

What will you hear? ALL kinds of things !!! There are many different satellites and modes on this
band. To really grasp what's up there, Larry Van Horn's book "Communications Satellites" is
REQUIRED reading.(Grove Enterprises-Box 98-Brasstown,N.C.-28902) As an example, I've
heard everything from the Secretary of State, to McMurdo Station Antarctica, to Soviet
telephone intercepts to A-10 and F-16 drivers involved in the current conflict. And that's just the
stuff that is "in the clear"! The Tactical traffic from Iraq is in the clear in am mode, and really
shouldn't be there at all. Due to poor frequency management, the UHF comm. frequency they've
chosen falls within the uplink passband of one of the satellite transponders. So, they're getting
re-broadcast on the satellite just like your local 2 meter repeater ! (Very Weak, though copyable).
80% of the signals in this band ARE digitally encrypted, but the other 20% are some of the most
interesting I've ever monitored.

The strongest signals are from Fleetsatcom 1(Pacific relay) in orbit at 100 degrees West, and
Fleetsatcom 3 (Atlantic relay), at 23 degrees West. Try tuning 260 to 262.4 MHz. Some of the
signals are strong enough to copy with only a ground plane or discone antenna."

204. Re: Santa Clara Ca. PD 800 Freq

Newsgroup: rec.radio.scanner
Date: 1995-01-06 23:17:20 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3ekj20$jam@dcsun4.us.oracle.com>
Source record: 263324

drp@netcom.com (Randy Petersen) wrote:
>
> The Santa Clara Ca PD now is on 800 meg trunked. Does
> anyone on the net have the details PL and frequencies.
>
> Your Help is appreciated
>
> Randy Petersen
> drp@netcom.com
>

Try 866.2625 (Data), and the following seven trunked:
866.4625, 866.8375, 867.075, 867.3375, 867.8625, 868.625,
and 868.8875

Here are a couple other non-trunked frequencies for Santa Clara:

867.0750 (Simplex), as Trunked above but this is Police car to car
866.0125 (Repeater), Police SMARS 1

Regards,
Randy Duran
rduran@us.oracle.com

205. AOR1000 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1995-01-06 23:22:23 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-0601951821280001@alexander.terranet.com>
Source record: 263225

A lot of people have emailed me requesting info. on the AOR1000XLT computer interface mod that I alluded to in my posting seeking to sell my scanner (it's still for sale, BTW). The mod is detailed in Bill Cheek's World Scanner Report, volume 4, number 4. It's described in four pages, hence, I will not retype it to post here, nor will I photocopy it and mail it to anyone or do anything other than tell you how to go help yourselves. You buy my scanner and you get all of the details, naturally.

Contact WSR via their BBS, the Hertzian Intercept. 619-578-9247 to request a back issue. I believe they cost about $4-$5 each. You can also send email to Bill Cheek and ask him about getting a copy or subscribing to WSR. The BBS runs 24-hours on weekends and from 5:30PM to !:30PM PDT (note that is West Coast time)

Cheek did not do the mod himself. He printed the instructions conceived by a Tom Snyder. I don't know him; I don't know if the mod works; how well it works or anything else. I don't work for WSR, Snyder, etc. etc. etc. I'll tell you this much: It's a major modification and should be done only by someone who knows their way around a schematic. It is not for novices, rank amateurs or anyone suffering from the DTs.

Now we interrupt this bulletin with a commercial message:

I bought an AOR1000XLT scanner about six months ago and have seldom used it (I've got too much stuff already, I guess). I'd like to sell it. It's in mint condition (no scratches, nicks, nada). It comes with earphone, AC adapter, car lighter adapter, carrying case, rubber duck antenna and four AA NiCads. I'm also including an 82-page Guide to the AOR1000, written by Howard Bornstein (the AOR's six-page instruction booklet is really cheesy).

The AOR1000XLT's features are:
-- 1000 memory channels
-- 10 search banks and 10 scan banks
-- lockouts for channels and search/scan banks
-- 500 KHz to 1.3 GHz continuous coverage
-- 20 channel per second search and scan speeds
-- can be tuned in increments of 5 Khz to 995 KHz

FAQs:
1). Yes, this scanner picks up cellular telephone calls without modification.
2). No, it is not a good scanner for a beginner.
3). Yes, you can listen to the TV audio at work once the O.J. Simpson trial starts.
4). No it does not have a computer interface but I'll send you detailed instructions for a major modification that will permit computer control (no recommended for beginners).
5). Yes you can listen to shortwave radio stations but only really powerful ones.

Price is $375 with shipping. Email if interested to: michael@alexander.terranet.com

--
Michael Alexander
"Nils Carborundum"

206. AMTRAK frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-07 00:08:09 UTC
From: jcovello@zcase.com
Message-ID: <01-06-1995.6147@sharon>
Source record: 263227

Does anyone have frequencies for scanning AMTRAK?
I plan to take an overnight trip and would like to bring my
scanner and see what I could catch. The trip originates in
Chicago and ends in western Colorado.

Thanks
Joe

207. Security in Trunking Systems (?)

Newsgroup: rec.radio.scanner
Date: 1995-01-07 00:41:40 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3eko04$pjg@nntp.crl.com>
Source record: 263235

I ws scanning some data I downloaded a few months ago
and never read. I thought this was an interesting post.
I aplogise if it made it here already.

.....

I'm writing again about scanners because here in the City of the Miami Police Department, several officers have been SCREWED by the Internal Affairs unit and other specialized units for officers having police scanners in their vehicles.

First let me say one thing. In the State of Florida, it's not illegal for anyone to carry a scanner in their vehicle, which is "not permanently attached to the vehicle". The only ones exempt from that law are: Police officers, Amateur Radio Operators, and other emergency personnel. But as far as any citizen, they have the right to carry a portable scanner.

What has happened here in the City of Miami Police Department for their lack of knowledge, or plain ignorance, the high ranking staff has become concerned over the officers being able to monitor the activities of other units.

The City of Miami Police Department operates a S.M.R., A Shared Mobile Radio system, on an 800 MHz. Motorola type I, 20 channel trunking system. The system is shared with the Fire Department,Parks & Recreation, Sanitation, and Local Government. For those of you that are unaware, this means that no given frequency at any given time is specifically assigned to a given unit. You may hear police at one moment and the Sanitation department the next second on the same frequency. The scrambling procedure takes place by the Motorola's Central Controller, which assigns any available frequency to a given fleet, requesting access at any given time. I will not get anymore technical with Trunking, but I just wanted to give you all and idea.

Well here is what happens when you program your scanner to the 20 channels available, you only catch portions of different fleet conversations. But occasionally, particularly at night when only police activities are more active than others, you can here the conversations of the specialized units. This has infuriated the commanders of the specialized units. They were sold the concept by Motorola that Trunking was scrambled and hence could not be monitored by anyone. WRONG!

What has happened in the City of Miami Police Department, instead of these specialized units using encryption to secure their sensitive communications, they have now retaliated on any police personnel

carrying scanners. The department's commanders have issued reprimands and have blamed failed investigations against police corruption as a result of some officers having police scanners in their vehicles.

I feel this is real sad, when a department as large as the City of Miami Police Department has to lower themselves for their own ignorance and failures. They were warned many times that their communications were compromised long ago, but NEVER did they take any measure to protect them. Instead, they passed out reprimands, and scrutinize anyone who carries a scanner as a "counter-surveillance operative".

.....

What are your comments?

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

208. Javiation AOR8000 price

Newsgroup: rec.radio.scanner
Date: 1995-01-07 00:58:28 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3ekovk$meg@mojo.eng.umd.edu>
Source record: 263229

How much is Javiation selling the AOR8000 for these days?
How much is the two-day UPS Express shipping?
How much is the computer interface from them?

Thanks for any help.

-Alex.

209. Re: : PSYCHIC CB RADIO PSICAST CAUSES APPARITION :

Newsgroup: rec.radio.scanner
Date: 1995-01-07 01:08:17 UTC
From: clifto@indep1.chi.il.us
Message-ID: <D20GHu.H8z@indep1.chi.il.us>
Source record: 263245
Cross-posted to: rec.radio.shortwave,rec.radio.cb,rec.radio.scanner,rec.radio.noncomm,alt.radio.pirate

In article <3ee603$cb2@freenet3.scri.fsu.edu> hufos@freenet2.scri.fsu.edu (Hastings UFO Society) writes:
>The Hastings UFO Society is PROUD TO ANNOUNCE the Establishment of the
>1st PSYCHIC CB RADIO STATION IN CYBERSPACE.

So THAT's why I've been hearing voices! Is that you, Elvis?

>NO CARRIER

CB radio with no carrier. Amazing. They really mean it!

--
Cliff Sharp Never get into fights with ugly people.
WA9PDM They have nothing to lose.
clifto@indep1.chi.il.us --The Fourth Law of Reality

210. Re: AR 900 info

Newsgroup: rec.radio.scanner
Date: 1995-01-07 01:30:38 UTC
From: schuster@panix.com
Message-ID: <3ekqru$65i@panix3.panix.com>
Source record: 263230

In article <3ekcav$jos@nntp.crl.com>, Ki4je <vhealey@crl.com> wrote:
>> In article <3ei8k9$25g@hptemp1.cc.umr.edu>, <krphelps@umr.edu> wrote:
>> >Can anyone give me information on the Ar 900 (besides freq range). I have the opportunity to
>> >pick one up for 100 bucks.
>>
>>
>> It's the reason Grove stopped carrying the AOR line :-)
>
>Mike why did they pick up the AR8000?

1. It's a good scanner, manufactured by a company other than the one (Nissei) who made the previous AOR handhelds

2. They do not have to get them from ACE Communications now.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

211. Re: OptoScan 456 availability

Newsgroup: rec.radio.scanner
Date: 1995-01-07 02:18:22 UTC
From: livewire@accessone.com
Message-ID: <3el8b3$gus@pulm1.accessone.com>
Source record: 263242

retzer@alpha2.csd.uwm.edu (Joe J Retzer) wrote:
>Just curious if anyone knows of a good place from which to order
>the OptoScan 456. Grove has them on backorder
>
>Joe Retzer

I bought mine from Marymac end of September (Grove was out then too)
Their phone number is 800-231-3680 in Houston, Tx. I ordered by
UPS 2nd Day for $8.00 and it arrived in Seattle the next day.
I understand that they no longer supply the standard version of
Scanstar software with it. To really make use of it you need Scanstar pro anyway @ $80.00
I tried a demo of Scancat pro, but it wasn't as easy to use as Scanstar.

Chattering voltage like a broken wire.
The wild cicada cried, Six weeks
to frost.

Christopher Morley 1890-1957, "End of August"

212. Re: Cellular Phone Jammer

Newsgroup: rec.radio.scanner
Date: 1995-01-07 02:19:09 UTC
From: gesman@io.org
Message-ID: <3ektmt$d9h@ionews.io.org>
Source record: 263264

In article <randylrD1FzsD.349@netcom.com>,
Randy Rasmussen <randylr@netcom.com> wrote:
>brian varine (varine@ece.orst.edu) wrote:
>: I just got run off the road by some idiot talking on the phone,but, it
>: got me thinking. Since there is a way to use your phone as a scanner (I
>: dont know exactly how yet) couldn't you push the right codes and get your
>: phone to "step on" the phone in front of you? I'd like to see if I could
>: tell the guy in the car in front of me to move to the right lane when I
>: want to pass. Sound like a good idea to you people?? Is it possible??

The best bet would be to call 911 and report a drunk or impaired driver.
I don't see any way to enter the cell frequency using commercially available
equipment. Unless you're driving a concrete truck :).

--
Gleb Esman.

213. Re: Trident Receivers

Newsgroup: rec.radio.scanner
Date: 1995-01-07 02:20:37 UTC
From: odium@usis.com
Message-ID: <3ektpl$ghp@news.usis.com>
Source record: 263231

Tyler Lindsey (tlindsey@st6000.sct.edu) wrote:
: I am in the market for a new scanner. I was wondering if anyone owns a
: Trident receiver. I have heard no talk about them yet. I was thinking of
: the new Trident TR4000. It has a wide coverage from 100 kHz to 2.06 GHz.
: It cost more than I want to spend but I feel it might be worth it in the
: long run. Let me know you input.

I have it. It's quite good, although the batteries tend not to last very
long and you have to buy an 300 mw adaptor to run it off of AC power.
Odium

214. PRO-43 Software Mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 02:20:40 UTC
From: stans@panix.com
Message-ID: <3ektpo$af7@panix3.panix.com>
Source record: 263232

Are there any software mods available for the PRO-43 (modifiable)?

Thanks....

- Stan

215. Scannet News

Newsgroup: rec.radio.scanner
Date: 1995-01-07 03:42:38 UTC
From: YPSE19A@prodigy.com
Message-ID: <3el2je$182k@usenetw1.news.prodigy.com>
Source record: 263234

Please E-mail me all scanner related stories. Your best experiances with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area, Worst Fires, Accidents, your favorate frequency , I will reconize your writtings in a Newsletter called SCANNET NEWS. I will also post the Newsletter on a BBS, that has a gateway all over the USA. Anyone sending me stories can have a copy of the Newsletter and will have the BBS access attached .
There are many SCANNET NEWS articles to read.

Anyone interested please e-mail me your ID and must have your stories attached.
Send Hard copy Articles to the address below.
For a hard copy of the next issue and Subscribtion information please send SASE to the address below.
For prices on Advertising----(Amatuer Radio ,Short Wave Radio, Scanning Related only) write to the adress below.

Scannet News
C/O
Nicholas Messina
80 Livingston Ave
White Plains, NY 10605
-
-
NICK in NY YPSE19A@prodigy.com

216. Re: Security in Trunking Systems (?)

Newsgroup: rec.radio.scanner
Date: 1995-01-07 03:46:25 UTC
From: tomswisher@aol.com
Message-ID: <3el2qh$194@newsbf02.news.aol.com>
Source record: 263236

Sorry to hear that kind of BS is going on. Here in Columbus, the city knew all along that scannists would be able to monitor the system, and they made the correct decision to encrypt all "sensitive" comms. The only things that are encypted here are Internal Affairs, Narcotics, Organized Crime, and a couple of tactical ops subfleets used for surveillances and so on. Some of the city personnel even make note of the fact on the air that their conversations can be overheard.

****

Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

217. Wanted: MA-NH freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-07 04:00:32 UTC
From: FG <72662.1642@CompuServe.COM>
Message-ID: <3el3l0$40$1@mhade.production.compuserve.com>
Source record: 263246
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
Cross-Posted: alt.radio.scanner, rec.radio.scanner

Looking for freqs. in the Mass and N.H. area.

Thanks.....
```

218. Aor operating hints/tips/

Newsgroup: rec.radio.scanner
Date: 1995-01-07 04:08:00 UTC
From: mike.agner@woodybbs.com
Message-ID: <93.1929.7592.0NFB8ABA@woodybbs.com>
Source record: 263237

@SUBJECT:AOR operating hints/tips/tricks N
Hi all - I also own a AOR1000xlt and have a couple of obs: a. To the
question of how to defeat that blasted delay/hold
to make cell tracking easier, forget it!. This is a crazy
bug that exists in the op system of this radio. In my
opinion, this is one of the craziest ways to implement a
feature that would otherwise be very useful..... b. If you really want to
learn how to use this radio, buy
Howard Bornstein's book, 'Guide to the AOR1000'- I see
a new edition is listed by Grove (and by now, undoubtedly
others as well). LOTS of good info here for tips and tricks
on how to use this radio well.
c. The only other thing I did was to build a regulation circuit
for use when plugging the radio into the cigarette lighter-
I DID NOT want my radio to be smoked by a stupid voltage
surge! You can build one quite readily using a LM317T
regulator; the bonus here is that I now have a regulated
supply for ANY radio (center pin positive) that will run
between 2-14 VDC, and up to about 1.5 amp draw...
See ya...Mike Agner KA3JJZ

--- PCB15.1/2-GEcho 1.02
* Origin: BorderTech BBS, Hampstead, MD *USA* 410.239.4247 (1:261/1355)

219. Aor1000xlt variable squel

Newsgroup: rec.radio.scanner
Date: 1995-01-07 04:11:00 UTC
From: mike.agner@woodybbs.com
Message-ID: <93.1930.7592.0NFB8ABB@woodybbs.com>
Source record: 263238

```
@TO :clough@javiaton.demon.co.uk N
@SUBJECT:AOR1000xlt variable squelch settings N
Hi Jonathan - I am a fairly satisfied user of the 1000xlt, but one thing
(well, really more than one...) that really irritates me is the fact that each
band range has its own squelch setting. Back a few years ago, I had an article
that said that there was a fix for this; however, a note to ACE in the US went
unanswered (no great surprise there...). Do you happen to know what this fix
is? That bug really limits the radio's usable sensitivity....

Best 73s .... Mike Agner KA3JJZ

--- PCB15.1/2-GEcho 1.02
* Origin: BorderTech BBS, Hampstead, MD *USA* 410.239.4247 (1:261/1355)
```

220. Re: Shuttle Comms

Newsgroup: rec.radio.scanner
Date: 1995-01-07 05:14:18 UTC
From: zamorski@earth.execpc.com
Message-ID: <3el58m$884@homer.alpha.net>
Source record: 263239

In article <a9a_9501012009@blkcat.fidonet.org>,

<Roger.Cravens@f239.n109.z1.fidonet.org> writes:
> I went to Florida last summer and quite by accident, the Shuttle was
> scheduled to take off. My and wife and I both stood with jaws hanging
> down to our belt buckles over this incredible piece of human
> engineering. I was fortunate in that I had my 200XLT with me, but with
> very, very few frequencies.
>
> This year, I believe I'm loaded for bear. Going back on vacation,
> _BUT_, will be taking my 200XLT/PRO-2006/ICOM R-71A HF Receiver, and
> for
> reception, my Scanner Beam and Scantenna for the two scanners, and a
> roll of 17 gauge aluminum wire (and a sling-shot to get it over a tree
> somewhere).
>
> Now, since I am now hardware rich, but frequency poor in this
> particular
> area, I am asking for and would seriously appreciate any and all
> frequencies for the shuttle, launch pad, going up, coming down, and all
> phases in between.
>
> Also, if anyone has the 1995 summer schedule (from around May through
> August), would also appreciate that, too.
>
> Thank you ever so much!
>
> Roger
> ***
> * QMPro 1.52 * "We served because it was our duty" * Remember Us?
> ---------
> Fidonet: Roger Cravens 1:109/239
> Internet: Roger.Cravens@f239.n109.z1.fidonet.org
>

Roger,

The Nov/Dec 94 issue of Satellite Times had two good articles on the
space shuttle.

The first article, Space Shuttle Communications, lists S,K, and UHF
frequencies. The article notes that S and K band reception is most
likely impossible(narrow spot beams and multiplexed encoding). The
UHF is possible during overhead passes(used for EVAs and STDN ground
stations).

UHF AM simplex voice
primary 296.8 MHz
secondary 259.7 MHz
emergency 243.0 Mhz
EVA only 279.0 MHz

There is also the Shuttle Amateur Radio Experiment (SAREX):

FM voice uplink on 144.91, .93, .95, .97, .99 MHz.
downlink on 145.55 MHz.

The second article, Countdown to Liftoff, has a nice list:

Freq	Agency
125.65	Wx
143.80	Coast Guard
148.485	Timing/photo/status
165.1125	Command Post
163.4625	Cape Security
162.6125	Launch Support(Alpha)
164.00	Radiation Monitoring
164.75	Cap Nat'l Park Service
165.1875	Visual Surveillance
170.15	Base Comm/Press Support
170.175	Rail/Truck Ops
170.350	NASA PR
170.40	GSA
171.15	Maintenance/Fuel
171.2625	Camera/Recording
171.80	Utility/Parking
173.025	AF Security
173.125	AF Command Post
173.175	AF Security
173.4375	Medical/Emergency/Rescue
173.5625	Fire/Emergency/Rescue
173.6625	Range Safety/Emerg.Egress
173.6875	Security/Astronaut Escort
173.7875	Fire/Back-up
407.325	Convoy Command Launch
407.475	Crane Ops
416.50	Range Safety
121.50	FAA Traffic, Rerouting

Good luck and good listening,

Rich
---
zamorski@earth.execpc.com

221. Mobile CB/scanner antenna

Newsgroup: rec.radio.scanner
Date: 1995-01-07 06:33:00 UTC
From: rick.curtis@lightspeed.com
Message-ID: <7478.2161.uupcb@lightspeed.com>
Source record: 263240

DS> Regardless, on to the magic box question. A couple of vehicles ago,
DS> I had one that had a little metal signal splitter box that allowed
DS> you to use the car antenna as a cb antenna. It wasn't

I know what you are saying. I had a Cadillac Eldorado that had a built in Cadillac CB along with the AM/FM radio. That was nice. Haven't seen anything like this lately tho.

* RM 1.3 00139 * Utah slickrock! Been there - done it - LOVE IT!

222. NASCAR freq's?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 06:33:00 UTC
From: rick.curtis@lightspeed.com
Message-ID: <7479.2161.uupcb@lightspeed.com>
Source record: 263241

SS> can someone email me the freq's used by nascar crews and spotters to
SS> talk to the drivers inthe cars? also can someone email me any

Three are HUNDREDS of freq's. Get the Radio Shack book Beyond Police
Call for some. My Uniden Sportcat came with another that shows hundreds
also. Uniden sells um at 1-800-297-1023

* RM 1.3 00139 * I have PMS and a handgun. Any questions?

223. Images & shielding on the PRO-2006 - results

Newsgroup: rec.radio.scanner
Date: 1995-01-07 07:15:50 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <3elf36$arn@bigboote.WPI.EDU>
Source record: 263248

In article <3eavfv$dh9@bigboote.WPI.EDU>,
Gregory K Doerschler <gkd@wpi.WPI.EDU> wrote:
>In article <D1LAE7.89r@nntpa.cb.att.com>,
> Bob Parnass, AJ9S <parnass@ihlpf.att.com> wrote:
>>
>> On both the PRO-2006 and PRO-2035, images of paging
>> transmitters were audible in the 159 - 162 MHz range.
>
>Along with these 900 MHz paging signals, the PRO-2006 also receives
>cellular telephone images in the VHF aircraft band...
>I soon found that the offending 800 & 900 MHz signals were entering
>the scanner through the unshielded plastic cabinet, rather than via
>the antenna. The images were just as strong even with the antenna
>disconnected. Adding shielding either to the scanner cabinet or
>internally in the vicinity of the RF section of the main PC board should
>help reduce the strength of the images. I plan to experiment with the
>latter when I have the time.

Since posting this, I have tried installing additional shielding around
the RF stages on the main PC board. The results were mixed. The
shielding did reduce the amount of RF leaking in through the cabinet.
The reduction in strength of the images was quite noticeable (though I
wouldn't call it dramatic). Much of the cellular interference went away,
but the strongest 900 MHz pager images were still nearly full quieting.

The problem is that once I reconnected the antenna, the strength of all the
images came back up to nearly what it had been without the extra shielding.
Recall that without the shielding, I'd found that disconnecting the antenna
did not change the image signal strength. Apparently some image signal
energy had been entering via the antenna, but it wasn't noticeable because
more was getting in through the case. When the shielding reduced what was
coming through the case, the amount entering via the antenna suddenly became
apparent. A low pass filter in the antenna line successfully blocked the
offending 800-900 MHz signals while still allowing the desired VHF signals
through; but this solution does preclude scanning 800 MHz channels while
the filter is in line.

Unless the user were willing to put up with the inconvenience of using the
low pass filter and settle for partial removal of the images, I probably
wouldn't recommend this approach. The benefits don't seem to justify
the effort.

Greg

224. Re: AMTRAK frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-07 07:29:09 UTC
From: mulligan@ACM.ORG
Message-ID: <3elfs5$2pv@hopper.acm.org>
Source record: 263249

jcovello@zcase.com (Joseph J. Covello) asks
> ... scanning AMTRAK? ...
> The trip originates in Chicago and ends in western Colorado.

Amtrak uses the frequencies of the road on which its operating. Assuming
you're taking the California Zephyr, it would run over the Burlington
Northern from Chicago to Denver, then on Denver & Rio Grande Western tracks
through Grand Junction. Frequencies of interest would be:

BN 161.100 Ch 1 - Road & Dispatch
161.160 Ch 2 - Road & Dispatch
D&RGW 160.920 Ch 1 - Road
161.565 Ch 3 - Road
160.455 Ch 4 - Road

Additionaly, Amtrak uses the following:

Chicago 160.305 Commissary & Terminal Road
154.515 Union Station Police (also 472.3375 ?)
160.365 Amtrak / Union Station Police
Denver 161.550 Station Services

(Data is from The Compendium of American Railroad Radio Frequencies.)

/* barry /&

225. Re: Scanner choice

Newsgroup: rec.radio.scanner
Date: 1995-01-07 07:42:36 UTC
From: amirault@max.tiac.net
Message-ID: <amirault.789464570@max.tiac.net>
Source record: 263263

pritchas@oissvr.ColumbiaSC.NCR.COM (news account) writes:

>Hi everyone.I now have a BC 855xlt [have had for about 6 months]
>and now i have the fever for a better unit.Naturally i want one
>that is cell. capable so im going to try something from Atlantic
>Ham Radio out of Canada which leads me to a few questions:

Good Luck getting it out of Canada. I've heard they stop them at the border.
BTW the BC855 supposedly can be restored. I've seen instructions for it,
but have not done the mod on my unit. Also any cell mods on Bearcat units
give you channel spacing that is NOT cell spacing (like the Radio Shack
units) If you do a cell restore on a Bearcat, you'll be able to receive
cell calls, but sometimes the scanner will be right on freq, but more
often it will be off-freq, sometimes a little, sometimes to the point of
distortion.

>3.Should a more expensive scanner pick up better than my 855
>[range doesnt seem very good below 100 mhz]

What are you using for an antenna? The built in whip is not a good
under-100 mhz antenna.

Richard
amirault@tiac.net

226. Re: Will a specific-band antenna help?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 07:46:55 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <3elgtf$bfb@bigboote.WPI.EDU>
Source record: 263261

In article <3ehiud$lfo@umd5.umd.edu>,
Alex Chernyakov <achern@io.avl.umd.edu> wrote:
>Ki4je (vhealey@crl.com) wrote:
>: I agree, at those frequencies I don't even bother with an external antenna
>: for RECEIVE.
>: A really good scanner should be just about able to receive a signal with
>: just the bnc connector at the high uhf frequencies. You don't need much.

Correction: A poorly shielded scanner should be able to receive a signal
with just the BNC connector at the high UHF frequencies. Take a $99
scanner and put it next to a $1400 ICOM R7100; both with antennas
disconnected. I'm sure you'll find that the scanner hears the 490 MHz
signal better than the ICOM. Put the ICOM next to a $20,000 mil-spec
receiver with antenna disconnected and the ICOM will hear the 490 MHz
signal better.

>
>: That was the problem with designing radios that operate at those frequencies
>: is the ability of the signal to couple to just about anything.
>
>You're absolutely right; I have no problem receiving at those
>frequencies with no antenna...

Again, the problem is not the radio coupling itself to something else;
the problem is that the radio lacks adequate shielding to reject signals
entering through the case. In a best case scenario, all signals should
completely disappear when the antenna is removed.

Getting back to the original question, a gain type commercial monoband
antenna tuned to 490 MHz will definitely receive better on that frequency
than an all-band scanner antenna. In a mobile environment though, most
users probably would not notice enough difference to justify the expense.
Only if one were frequently straining to monitor marginally copyable
repeaters would the benefit be worth it.

Greg

227. Re: FirePage California

Newsgroup: rec.radio.scanner
Date: 1995-01-07 10:45:07 UTC
From: mpage@netcom.com
Message-ID: <mpageD21777.4vE@netcom.com>
Source record: 263243

: Since you don't get
: LAFD first call (as it is generally not put over the air), why bother.

:Quite to the contrary, We STILL do get first dispatch from LAFD and will for a while longer. We also have plans in the works for the time when LAFD goes to "Silent Dispatch" mode. But there are MANY more PS agencies throughout California and we have people monitoring them all of the time. We knew when the El Segundo refinery fire started (the other night) as well as many other incidents. It's not a case of there being too much news reporting of incidents, but being able to know what is happening out there and being able to choose what to report on. We have many RCMA'era on FirePage and they enjoy keeping in touch. The choice is yours. I do apologize if the notice was a waste of YOUR time, I have had e-mail from many people asking for more information. You must remember, the internet, as well as any other system, is a place of information and what you don't want, you throw away-- at least you had a chance to choose!
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

228. Re: Wanted: MA-NH freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-07 13:52:20 UTC
From: pep@tiac.net
Message-ID: <pep-0701950852200001@spi.tiac.net>
Source record: 263250
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3el3l0$40$1@mhade.production.compuserve.com>, FG
<72662.1642@CompuServe.COM> wrote:

> Cross-Posted: alt.radio.scanner, rec.radio.scanner
>
> Looking for freqs. in the Mass and N.H. area.
Hi - I have lots for the Andover/Lawrence area. Email me what you are
interested in.

Good Luck - Peter

--
Peter Peck "Nothing Ventured, Nothing Gained"
Andover, MA email: pep@tiac.net
(508) 475-8188 Fax(508) 682-2677

229. pro 2034 mod

Newsgroup: rec.radio.scanner
Date: 1995-01-07 14:19:29 UTC
From: cash@kbbs.com
Message-ID: <023823GBOWIDWRNAKMIH@kbbs.com>
Source record: 263247

does anyone know of any if any way that a pro 2034 can be altered
to recieve 800 or 900mhz freq
my friend just bought one and would like know. i hope i,m calling the
right one. i believe he said pro 2034 or 2030, i told him he should buy
a used one thats already modified, buts it's too late now. anyway
please e-mail me on any info at cash@kbbs.com
thanx 4 all

--
[*] Message Origin: KBBS Los Angeles! 74 Access Lines [*]
[*] (818) 886-0872 or Telnet 204.96.25.7 info@kbbs.com [*]

230. Earthwinds Balloon

Newsgroup: rec.radio.scanner
Date: 1995-01-07 14:48:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.1932.7592.0NFB8AC1@woodybbs.com>
Source record: 263273

Did Earthwinds launch?
What happened to the Ham Radio activity? Why cancelled?
Joe Taylor N4NAS
Glasgow, KY

• BgNet 1.0•12 • 049/000: Pipeline BBS - Glasgow, Ky - 502-651-2556

231. Re: Wanted: MA-NH freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-07 16:09:59 UTC
From: gdallal@world.std.com
Message-ID: <D21M8n.3xB@world.std.com>
Source record: 263254
Cross-posted to: rec.radio.scanner,alt.radio.scanner

FG (72662.1642@CompuServe.COM) wrote:
: Cross-Posted: alt.radio.scanner, rec.radio.scanner

: Looking for freqs. in the Mass and N.H. area.

Go to HRO in Salem. Check out the Official Scanner Guides for MA and NH. (Actually, call first to see if they're in stock. 603/898-3750 or 800/444-0047.) Not cheap ($20-25 each) but they have everything and when you consider how much time and effort can be wasted looking for freqs, it's money well spent. If you want just police and fire, get the new (orange cover, not green) Police Call for $10 at any RatShack.

232. WORCESTER MA FREQ NEEDED

Newsgroup: rec.radio.scanner
Date: 1995-01-07 16:36:48 UTC
From: k.carroll@wildfire1.com
Message-ID: <9501071636.0NC7G00@wildfire1.com>
Source record: 263190

I am looking for National Weather service feq for Worcester and Boston, MA
and Concord NH.

I usually look them up at the library but it closed early today and won;t be
opened until Tuesday.

My battery backup memory failed

thanks
KC

Email will be fine thanks again

233. 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 16:37:04 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <789501558.AA08363@rochgte.fidonet.org>
Source record: 263251

> From: brian varine <varine@ece.orst.edu>
> Organization: College of Engineering, Oregon State University

> Why bother?
> It's digital and encrypted.

Don't post information on aspects of the hobby that you haven't tried.
Your comment is not completely accurate. There is a lot of clear transmission
available on military satellites.

===
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA

+++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===

> ---
> * Origin: COBRUS - Usenet-to-Fidonet Distribution System (1:2613/
> 335.0)

234. scanner laws

Newsgroup: rec.radio.scanner
Date: 1995-01-07 16:41:05 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <789501558.AA08364@rochgte.fidonet.org>
Source record: 263252

> From: rosidivi@rintintin.Colorado.EDU (John Doe)
> Organization: University of Colorado at Boulder

> I beleive the same Act of 1934 states that "[i]t shall be the right of
> any US citizen to receive any radio transmission from any source
> whatsoever...
> and no State shall make any law abridging this right" or nearly that.

The real laws are bad enough. Why are you making up new ones?

The Communications Act of 1934 contains no such clause as quoted above.
Nor does any other US law. Sorry.

```
===================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===================================================================
```

235. Security in Trunking Systems (?)

Newsgroup: rec.radio.scanner
Date: 1995-01-07 16:44:06 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <789501558.AA08365@rochgte.fidonet.org>
Source record: 263253

> From: Ki4je <vhealey@crl.com>
> Organization: CRL Dialup Internet Access

> What are your comments?

Same as always - public officials who base their decisions on what they
are told by GE/Motorola/etc sales personnel are worse than idiots and should
be replaced.

```
===================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===================================================================
```

236. Re: Old Bearcat III scanner info

Newsgroup: rec.radio.scanner
Date: 1995-01-07 17:05:52 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D21ots.FB4@nntpa.cb.att.com>
Source record: 263256
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3el56l$nog@hpchase.rose.hp.com>,
Greg Holdren <gregh@hprnd.rose.hp.com> wrote:

>I just got an old Bearcat III scanner from my grandpa. It is the
>high freq. version. Looks like three versions were mad Low High and
>Ultra high. I would like to find out what the freq.
>range of the unit
>is and what crystals I need to get, ie what is the IF freq. offset
>for a given freq. of a crystal.

This model was very popular and I have 3 or 4 of them.
You can get the VHF-high band model to work from 2 meters through
174 MHz, but with reduced sensitivity at the edges.

The IF is 10.8 MHz and you can order the crystals from your
local Radio Shack store. It takes about one week unless
you order an uncommon frequency, like a federal channel :-)

From FAQ article I wrote, "Buying a Used Scanner Radio,"

[...]

The first scanners came in single band models, followed by
multiband models. As two-way radio users started to
populate the 450 - 470 MHz band, consumers were forced to
pay a premium for UHF scanner coverage. Some multiband
scanners, like the Electra's Bearcat III, required an
optional circuit board for each band.

[...]

Bearcat III (Electra): 8 channel crystal controlled
scanner. Requires optional front-end circuit board for
VHF-low, VHF-high, and UHF bands, but only 2 boards can be
installed within the radio at the same time. Two crystal
filters. No aircraft band coverage nor rescan delay.
Front mount speaker sounds good. Strong local oscillator
radiation often causes interference with other scanners in
the same house.

--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

237. Golden Gate Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-07 17:10:52 UTC
From: opp@netcom.com
Message-ID: <oppD21p24.84I@netcom.com>
Source record: 263255

I have for sale inexpensively a 110 page manual filled with frequencies for federal, county, state
and city for the Golden Gate area. This is a nust for anyone out there into scanning. It's fully updated for 1995. e-mail me. thanks
--
opp@netcom.com

238. BC 142XL

Newsgroup: rec.radio.scanner
Date: 1995-01-07 17:11:24 UTC
From: tee.lipscomb@chrysalis.org
Message-ID: <9501071711.0O5D003@chrysalis.org>
Source record: 263179

Hi I received a bc142xl for xmas, and was wondering if there were any mods for it. Any kind will do. thanks tee.lipscomb@chrysalis.ogr
tee

239. INTERCEPT Newsletter

Newsgroup: rec.radio.scanner
Date: 1995-01-07 18:03:01 UTC
From: David Gregg <100343.2677@CompuServe.COM>
Message-ID: <3eml0m$1sd$1@mhadf.production.compuserve.com>
Source record: 263257
Cross-posted to: rec.aviation.military,rec.radio.scanner,rec.radio.shortwave

INTERCEPT is a monthly A5 sized journal based in the UK focusing
on military aviation communication. Sections include -
"Callsigns" a guide to both British/European and North American
callsigns, "Frequency Listings" including UHF/VHF and SSB HF,
"Squadron stud tie-ups", "SSB Logs", "Radio Watch" detailing
aircraft monitored routing to/from and through the UK airspace
and "Chicks In Trail" listing Air Refuelling area movements.
Regular 'feature' articles are also included from time to time
(Exercises for example).
For details of subscription, please E:Mail me on :-

Compuserve : 100343,2677
Internet : 100343.2677@compuserve.com

240. Re: Security in Trunking Systems (?)

Newsgroup: rec.radio.scanner
Date: 1995-01-07 18:21:07 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3emm2j$b03$1@mhade.production.compuserve.com>
Source record: 263258

I operate on a trunked system where I'm from. I agree, it's pretty
sick of the Miami PD to take those kind of actions. Our local PD
was told the same thing when they bought thier system in 1987.
BOY, was THAT A JOKE :)
CARL

--
Carl Robbins

241. Motorola Micro T-A-C Flip as Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-07 19:01:49 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgD21u72.Cv7@netcom.com>
Source record: 263259

I know this can be done, but how? Is there any better way than entering a channel number in test mode? Is there an up/down scan mode like scanners have in their "search" mode?

If someone has the keystrokes to put the phone in scan mode, please post them here. I know how to put the phone in test mode.

--
Shawn Gordhamer
shawnlg@netcom.com

242. Re: PRO-2006s

Newsgroup: rec.radio.scanner
Date: 1995-01-07 19:03:57 UTC
From: Reuben M <magicmagic@delphi.com>
Message-ID: <Zk35YF9.magicmagic@delphi.com>
Source record: 263260

Kevin Mark Wong <kwong@ee.ualberta.ca> writes:

>Is there a way to identify a Pro-2006 that is capble of the cellular
>reception modification without opening it? I am about to buy one here
>in Canada. Can I assume all Canadian units can still be modified?

I have never come across one that couldn't be modified. I don't think
RS is making them anymore. ANy ones out there should be able to be done..

243. 900 Mhz Panasonic Phone Mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 19:12:10 UTC
From: Reuben M <magicmagic@delphi.com>
Message-ID: <Ro47A96.magicmagic@delphi.com>
Source record: 263262

Flame Suit ON

Hello,

I own a Panasonic CORDLESS 900 Mhz phone & I have been VERY happy with it's performance. The model number is KX-T9220. I recently opened the phone to clean it & noticed there were a few adjustments that could be made. There seems to be some screws that can be turned to adjust transmit and receive. Like i said I'm more than happy with the performance, however when there is room for inprovement i am always looking for it. Since the warenty on the phone is no longer good, i was wondering if anyone knew of any mods that could be made on the phone to increase it's range.

This news group seemed appropriate enough to leave this message. I couldn't seem to find any others that would be better suited. Please excuse me if this is an inappropriate message for this group....

Thx!

marcusrm@sfitva.cc.fitsuny.edu
magicmagic@delphi.com
Flame Suit OFF

244. PRO2006 attenuator switch - can't win

Newsgroup: rec.radio.scanner
Date: 1995-01-07 19:28:30 UTC
From: tango@teleport.com
Message-ID: <tango.21.0018FA0A@teleport.com>
Source record: 263268

The PRO2006 has a switch on the back to attenuate the incoming atenna signal by 10 db. If I switch to no attenuation, I overload on some bands and hear nothing. If I switch it on, I miss a lot of weak signals. A no-win situation. The problem is most noticible in the VHF range, less in UHF.

Suggestions?

Configuration: Diamond discone mounted 35 feet above ground, with a short run of RG6 into the second story of the house to the scanner. I'm in a suburb about 10 or 15 miles from downtown Portland, OR.
--
randy miller tango@teleport.com

245. Re: AR3000A Sofware

Newsgroup: rec.radio.scanner
Date: 1995-01-07 20:00:35 UTC
From: jsoft@MCS.COM
Message-ID: <3emrt3$696@Mercury.mcs.com>
Source record: 263266

I have the Gesmundo software for sale. I purchased this for my
AR3000 which I am not using...

Send me email at jsoft@mcs.com if interested.

--Joe Jesson

246. Bearcat 210XL & 210XW for sale.

Newsgroup: rec.radio.scanner
Date: 1995-01-07 20:09:37 UTC
From: HGMW84A@prodigy.com
Message-ID: <3emse1$1a5e@usenetp1.news.prodigy.com>
Source record: 263269

I have two Bearcat 210XL and One Bearcat 210XW for sale. they all have seen better days. If someone like them for parts let me Know. They still work but need new LED and some tuning. leave me a e mail or on here if you like more info or what to buy them. thanks!

-
Artie in NJ HGMW84A@prodigy.com

247. alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-07 20:14:11 UTC
From: MHz@bitstream.mpls.mn.us
Message-ID: <1491595230.4455397@bitstream.bitstream.mpls.mn.us>
Source record: 263265

A friend just got a new Motorola alpha/numeric pager at work. When I tried to send a message by calling the access number and modem (it answers and I do connect), I can't. At his work, there's a dedicated Motorola machine for sending messages to staff with the new pagers. Anyone know what's missing here? Sorry for the posting here, but of my accessible newsgroups, this is the most appropriate. Thanks in advance.

248. Re: PRO-43 Software Mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 20:44:28 UTC
From: dgra@qmgate.eci-esyst.com
Message-ID: <dgra-0701951544280001@4263.innet.com>
Source record: 263267

In article <3ektpo$af7@panix3.panix.com>, stans@panix.com (Stan Schwartz) wrote:

> Are there any software mods available for the PRO-43 (modifiable)?
>
>
> Thanks....
>
>
> - Stan

Yes, which one do you want? I have one that restores 800, one that restores
54-88 and one that reduces the volume of the beep tone.

249. Re: BearCat 8000 ?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 22:21:05 UTC
From: fhartery@kean.ucs.mun.ca
Message-ID: <1995Jan7.195105.1@leif>
Source record: 263270

In article <brett_miller.58.000F7140@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

> The tone board for the BC 8500XLT (and a few other models) is to allow you to
> use CTCSS (Continuous Tone Code Squelch System) a.k.a PL. This allows you to
> only hear the transmission you want. This assumes that the transmissions
> contain the tone to begin with. This has nothing to do with speech
> scrambling. The CTCSS to is a sub-audible tone that is sent with the
> transmission. The receiving radio will only open squelch if the correct tone
> is present.

Thanks Brett,
Spending $1000 to get a scanner that does not do the job I want
could have made me an unhappy camper. I will pass on the info to my
friends. Thanks for the info on CTCSS as well. As a newbie the the scanner
world you have helped fill the empty space between my ears too !

Fabe

250. Any mods for BC 8500 ?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 22:22:30 UTC
From: Kent
Message-ID: <39762ae9@651>
Source record: 263187

Does anyone know of any mods for the 8500 XLT? The local store is having a sale on it and the 2500 XLT that is too good to pass up. I realize that the new model is coming out, but if there are mods for this one I'll get it.

Kent

251. Re: OptoScan 456 availability

Newsgroup: rec.radio.scanner
Date: 1995-01-07 23:05:32 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <3en6ns$2e1@venice.sedd.trw.com>
Source record: 263271

In article <3ejo8h$42r@uwm.edu> retzer@alpha2.csd.uwm.edu writes:
>Just curious if anyone knows of a good place from which to order
>the OptoScan 456. Grove has them on backorder for about 2 weeks and if
>you order directly from Optoelectronics the cost is $299.00.
>(about $20.00 more than that of Grove).
>
>Many thanks,
>Joe Retzer

Try Marymac (a Rat Shack outlet) at 1-800-231-3680. They stock the OS456
and sell at either $10 or $20 below Opto's price. Shipping (UPS) is included.

Good luck. It worked for me!

Rob

252. Re: Trident Receivers

Newsgroup: rec.radio.scanner
Date: 1995-01-07 23:09:44 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3en6vo$kes@tiger1.ocs.lsu.edu>
Source record: 263272

I'm glad that at least one person has gotten a TR-2400 that works!
So far EVERYONE that I have read posts from about the TR-2400 has
said that their unit broke rather quickly on them. I am currently
waiting to scrape up the $20 or so I need to send my TR-2400 back
for repairs. It was plagued by problems. When I got it, it would not
scan above 1600 MHz, the ac adaptor they supplied heated up the unit
UNACCEPTABLY (so I stopped using that) and finally after two weeks
the damn thing just died on me.
When did you order your TR-2400? was it very recently? I wonder if they
took care of the defects and now have 'workable' scanners for sale.
I'm thinking about getting them to swap it for a TR-4500 if they
don't have the same problems.
But the thing that REALLY pisses me off is that they sent me a defective
scanner and I have to pay the shipping to get it fixed. What assholes they
must have setting policy at ACE. (especially in this case where they KNOW
that all these TR-2400s are messed up).
Dave

Odium (odium@usis.com) wrote:
: Tyler Lindsey (tlindsey@st6000.sct.edu) wrote:
: : I am in the market for a new scanner. I was wondering if anyone owns a
: : Trident receiver. I have heard no talk about them yet. I was thinking of
: : the new Trident TR4000. It has a wide coverage from 100 kHz to 2.06 GHz.
: : It cost more than I want to spend but I feel it might be worth it in the
: : long run. Let me know you input.

: I have it. It's quite good, although the batteries tend not to last very
: long and you have to buy an 300 mw adaptor to run it off of AC power.
: Odium

253. Re: Any mods for BC 8500 ?

Newsgroup: rec.radio.scanner
Date: 1995-01-07 23:37:57 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3en8kl$5m3$2@mhadf.production.compuserve.com>
Source record: 263274

Kent,
I have found I like the 2500 and there are mod's to ease the misery... No mod's yet for an 8500. I'm not a handheld scanner fan, but the 2500 has out performed anything I have had before.
CARL

--
Carl Robbins

254. Best CD-ROM Frequency Guide

Newsgroup: rec.radio.scanner
Date: 1995-01-07 23:39:53 UTC
From: wwhitby@aol.com
Message-ID: <3en8o9$9gv@newsbf02.news.aol.com>
Source record: 263175

What is the best CD-ROM frequency guide on the market. I heard that
Grove's wasn't that good. What do you think?
Warren Whitby
wwhitby@aol.com - Home
wwhitby@mcl.lan.bdm.com - Work
73s de KE4ITL

255. Re: Security in Trunking Systems (?)

Newsgroup: rec.radio.scanner
Date: 1995-01-07 23:43:53 UTC
From: sean@sdg.dra.com
Message-ID: <1995Jan7.184353@sdg.dra.com>
Source record: 263176

In article <789501558.AA08365@rochgte.fidonet.org>,
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
> Same as always - public officials who base their decisions on what they
> are told by GE/Motorola/etc sales personnel are worse than idiots and should
> be replaced.

Of course GE or Motorola sales personnel would never mislead anyone, and
probally will sue anyone who even suggested that was the case.

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Affiliation given for identification not representation

256. Re: Any mods for BC 8500 ?

Newsgroup: rec.radio.scanner
Date: 1995-01-08 00:24:21 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2294L.G29@nntpa.cb.att.com>
Source record: 263177
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <39762ae9@651>, Kent <Kent> wrote:

> Does anyone know of any mods for the 8500 XLT? The local store is
>having a sale on it and the 2500 XLT that is too good to pass up. I
>realize that the new model is coming out, but if there are mods for this
>one I'll get it.

See Steve Donnell's Mod House column in the Sept/Oct 1994 National
Scanner Journal. It's devoted to mods for the BC8500XLT.

I cannot furnish reprints.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

257. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-08 00:45:35 UTC
From: dctrhappy@aol.com
Message-ID: <3encjf$a23@newsbf02.news.aol.com>
Source record: 263178

REGUARDING THE LACKLUSTER PERFORMANCE OF RS DISCONE

I opted to add a vertical element as others did in this thread. I chose to use an antenna from the base of an old cordless phone. This helped dramatically in my loband reception. However, it seemed i was getting many episodes of cross-modulation (around 150mhz). After some more thought i realized I hadn't grounded the new vertical element so I just ran a slight piece of foil from the outside of the new vertical element (the shiny silver part; not the copper-colored lead) back to the metal on the discone. This resulted in a dramatic improvement concerning the cross-modulation. I also use a RS regular TV signal amplifier. Many say it is a must when using a discone but i haven't tried a non-juiced discone. Be sure that the ohms the amp runs at, matches the antenna. The model number of my RS tv amp is 15-113b. Also, add this amp. as close to the antenna as possible (vs. close to the scanner) With this enhanced RS discone setup i now receive police and ambulance from all over the Denver metro area from Boulder (20-30 mi?) with loband reception also dramatically increased. My old setup (2006) with whip was hardpressed to receive from outside of Boulder. Hope this helps someone :-)

258. cellular scanning

Newsgroup: rec.radio.scanner
Date: 1995-01-08 01:27:30 UTC
From: v078l3eg@ubvms.cc.buffalo.edu
Message-ID: <D22C1v.Gn7@acsu.buffalo.edu>
Source record: 263180

I recently saw a catalog with a modified cellular phone that could "target" a specific cellular phone and change frequiencies along with it automatically for monitoring purposes. How has this phone been modified?
Just curious
V078L3EG@UBVMS.CC.BUFFALO.EDU

259. 900 Mhz phones.

Newsgroup: rec.radio.scanner
Date: 1995-01-08 01:30:12 UTC
From: prynda@esu.edu
Message-ID: <3enf74$m64@jake.esu.edu>
Source record: 263181

What is the frequency range of the new 900 Mhz cordless phones?
The new cordless phones seem to work better than the older style cordless
phone. Thanks for the info.

Sam Prynda
East Stroudsburg

260. WTB: Diamond Discone D130J in Vancouver Canada

Newsgroup: rec.radio.scanner
Date: 1995-01-08 01:41:29 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.789529289.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 263182

Hi

I'm looking for a Diamond Discone model D130J.
Here in Vancouver, BC, there are two places you
can buy it. It's a special order item at both places.
Like everyone, I'm impatient and don't want to wait
4-6 weeks for delivery.

Anyone in my neck of the woods that's got one they
want to part with?

Please send your location/price to
gjacek@cyberstore.ca.

261. Trident TR2400

Newsgroup: rec.radio.scanner
Date: 1995-01-08 02:02:48 UTC
From: odium@usis.com
Message-ID: <3enh48$6ha@news.usis.com>
Source record: 263183
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Can anyone send me info on modifications for the Trident TR2400
Scanner? Thanks.
Odium

262. Re: MUZAK

Newsgroup: rec.radio.scanner
Date: 1995-01-08 02:03:17 UTC
From: JEFF_SEALE@bitstream.mpls.mn.us
Message-ID: <61438.662717@bitstream.bitstream.mpls.mn.us>
Source record: 263184

You can tune in MUZAK using your scanner. Try the 950-960 MHz band. It's not available there in all cities though. There will probably be 3 or more channels of music. Here's the plan in the Twin Cities area:

Top 40 959.9625
Easy listening 956.3375
Instrumental 956.3125

In some cities, you can hear Associated Press newsfeeds on this band, unedited!
One such city is Indianapolis. Not sure what the other ones are though.

263. Re: Ramsey address

Newsgroup: rec.radio.scanner
Date: 1995-01-08 02:15:59 UTC
From: bfraize@random.ucs.mun.ca
Message-ID: <3enhsv$d3m@coranto.ucs.mun.ca>
Source record: 263185

I saw the address for Ramsey posted somewhere, saved it, but not sure
where, could soneone please re-post Ransey address and phone and fax number.

Thanks

264. Speech Inversion Software FTP???

Newsgroup: rec.radio.scanner
Date: 1995-01-08 02:22:36 UTC
From: bfraize@random.ucs.mun.ca
Message-ID: <3eni9c$d3m@coranto.ucs.mun.ca>
Source record: 263186

A while ago someone posted that there was a way to use your sound card to de-scramble, speech inversion scambling. AT the time I FTPed to the site but could not fine this software. Does anyone remember the location of the site and has anyone had any luck with this software.

265. Re: WORCESTER MA FREQ NEEDED

Newsgroup: rec.radio.scanner
Date: 1995-01-08 03:06:50 UTC
From: Tom McMath <mcmath@delphi.com>
Message-ID: <hm44Yf6.mcmath@delphi.com>
Source record: 263188

```
Boston is on 162.475
Worcester is on 162.425 and 162.55
Concord NH. is on 162.40
```

266. Re: Active USAF UHF Frequencys around USA-Canadian

Newsgroup: rec.radio.scanner
Date: 1995-01-08 03:09:10 UTC
From: tobyhuff@aol.com
Message-ID: <3enl0m$bf5@newsbf02.news.aol.com>
Source record: 263189

If the others didn't give you what you wanted, EMAIL me with the specific area you're missing...I can probably help.

MSgt Toby Huff
HQ Air Combat Command
Air Traffic Control Directorate
HUFFT@ACCHOST.ACC.AF.MIL

267. forsale: Regency Touch K500

Newsgroup: rec.radio.scanner
Date: 1995-01-08 03:29:52 UTC
From: reyb@reybpc.SanDiegoCA.ATTGIS.COM
Message-ID: <D22Hps.FEy@lcpd2.SanDiegoCA.NCR.COM>
Source record: 263197

Hi folks,
I'm looking to sell the following scanner:

Regency Touch K500:

Nice wood-like cabinet. Discontinued 40 channel
model with every feature Regency could dream of in one
scanner, except aircraft band. Idle tone bypass feature
for mobile phone stations works about 50% of the time.
Weather alert feature. Service Search in several banks.
Search and Store facility not implemented as well as
BC250, but better than none. Built in clock when radio
off or in manual mode. Can be programmed out of band.
Reasonable performance, but sensitivity could be
better. Spring contacts on membrane keyboard may need
soldering after prolonged use.

It works fine but I have no manual for it. Looking for best
offer.

Rey

268. PRO2030 Unable to Modify ???

Newsgroup: rec.radio.scanner
Date: 1995-01-08 04:03:20 UTC
From: daveb@delphi.com
Message-ID: <hE27o-w.daveb@delphi.com>
Source record: 263191

Has RS locked out the upper 800 MHz band on this scanner ... L201 is missing. I suspect an updated micro board... Anybody know about this one ?

Thanks

269. BC200xtl battery low det

Newsgroup: rec.radio.scanner
Date: 1995-01-08 04:35:33 UTC
From: sureda@melbpc.org.au
Message-ID: <3enq2l$hig@server.melbpc.org.au>
Source record: 263192

I have a Bearcat 200xlt , I've just replaced the Ni-Cads in the battery case as they died a death , I've put in 750 ma/h batteries so it should last longer .
I find that the battery low warning comes on after about 4 hrs use , I remeber reading somewhere that there was a batch of units that had the wrong value Zener in the battery detect cct , and turned on to early .
My set works fine for another hour or so , but I have to turn it off , then on every ten minutes to reset the off timer.
Does anyone know the details of replacing the zener with the correct value ?

Peter

--
** Melbourne PC Users Group** Melbpc.org.au

270. Re: Seattle fire freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-08 05:04:13 UTC
From: KDAHLQUIST@news.delphi.com
Message-ID: <3enrod$nps@news2.delphi.com>
Source record: 263193

I sure hope it wasn't to the City of Seattle's Trunked radio system. I had a chance to observe it about 5 years ago when the Seattle Center people were trial users. The GE handhelds would hardly work. The Seattle Center would have been better served by installing a local repeater on the Space Needle for its own use.

I sure hope the death of the four firefighters didn't have anything to do with a 800Mhz system! I have a friend with Everett Fire, and he kept saying the administration wanted an 800Mhz Trunked system. (Because it was the latest and greatest.) I sent him an article from the Southern California Firestorms (Laguna Beach) showing that the Orange County 800 Trunkedd Repeater system failed miserably during that calamity. Regular and mutual aid
units had to get extra portables and use the sheriffs 460 freqs. Of course, by that time, it was a lost cause.

Karl Dahlquist
Sherman Oaks, CA
former UW English

271. BC 220, Air band in 156-157?

Newsgroup: rec.radio.scanner
Date: 1995-01-08 05:07:20 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.789541640@vela.acs.oakland.edu>
Source record: 263194
Cross-posted to: alt.radio.scanner,rec.radio.scanner

When I try to listen to marine freq. in the 156-157 range, the signals
are over powered with air craft transmissions. I don't have this problem
with my Pro 43.

Any one know of a fix for this?
I tryed the Grove filter that is supposed to kill these freq.
, It diden't even put a dent in it.

Thanks for Any help, Neil

--

--N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

272. Freqs in Melbourne, Australia

Newsgroup: rec.radio.scanner
Date: 1995-01-08 05:39:25 UTC
From: dags@insane.apana.org.au
Message-ID: <dags-0801951639250001@dialup-12.insane.apana.org.au>
Source record: 263195
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Anyone know a good Freq book/list for melbourne Suburbs ??

After Police, Fire, Ambulance, Phones etc...

Ta,
Darryl

--
Darryl Harvey | Currently Semi Retired
Email: dags@insane.apana.org.au | and loving it...
Phone: (03) 803 2569 | Melbourne, Australia

273. Re: Active USAF UHF Frequencys around USA-Canadian

Newsgroup: rec.radio.scanner
Date: 1995-01-08 05:44:24 UTC
From: mcs@crl.com
Message-ID: <3enu3o$lf@crl2.crl.com>
Source record: 263196

Toby Huff (tobyhuff@aol.com) wrote:
: MSgt Toby Huff
: HQ Air Combat Command
: Air Traffic Control Directorate
: HUFFT@ACCHOST.ACC.AF.MIL

Sir, I was wondering if TAC was completely replaced with Air Combat Command, or is there now both MAJCOMs. (I'm mainly asking because I didn't see any patches for TAC at Clothing Sales). Same question for MAC and Air Mobility Command, ESC and AF Intelligence Command, and SAC and US Strategic Command.

If you could confirm whether those MAJCOMs have been completely replaced with the new ones, I would apprecaite it. Thanks.

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

274. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-08 06:33:48 UTC
From: launch@lambada.oit.unc.edu
Message-ID: <3eo10c$19l8@bigblue.oit.unc.edu>
Source record: 263198

In article <3ehihn$3bh2@usenetp1.news.prodigy.com>,
Larry Lockhart <GPTC26A@prodigy.com> wrote:
>I too have just installed a discone antena. My suggestion to you to
>improve reception in the lower frequencies is to clip off about 3" of
>each radial in each plane.
>
>Lockhart

Excuse my ignorance, but I learned in my antennas class a year ago that discones are basically a bent dipole in omnidirectional form that allows the incoming (or outgoing) wave to "find" its resonant length at some point along the radials in the disk and cone elements. End result, that the discone has a maximum frequency determined by the length of the elements.

So I'm kind of puzzled: if the elements are too short (frequency range is all above the cordless, therefore has a shorter wavelength), how could reception possibly improve for a lower frequency by _shortening_ the elements? You'd be making your equivalent dipole shorter, which raises the tuned frequency of teh antenna.

FWIW, it _is_ possible to build a discone that would reach down into the cordless range and below. It's just that the antenna would be quite large. (I posted a math-based note about cordless wavelengths and antennas a few weeks ago during a thread about building a directional antenna, specifically a YAGI, for the cordless frequency. End result: it's a big antenna. :-)

Sherrod
--
-- --
Launchpad is an experimental internet BBS. The views of its users do not necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

275. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-08 06:41:09 UTC
From: launch@lambada.oit.unc.edu
Message-ID: <3eo1e5$u0f@bigblue.oit.unc.edu>
Source record: 263199

In article <3ehihn$3bh2@usenetp1.news.prodigy.com>,
Larry Lockhart <GPTC26A@prodigy.com> wrote:
>I too have just installed a discone antena. My suggestion to you to
>improve reception in the lower frequencies is to clip off about 3" of
>each radial in each plane.
>
>
>Lockhart
>
Excuse my ignorance, but my antenna class taught me that discones are a
bent, omnidirectional dipole which is (almost) frequency independent. The
useable frequecny range at the lower end is limited by the length of the
elements, as is seen in a typical dipole.

So I'm kind of puzzled: if the elements are too short (frequency range is
all above the cordless, therefore has a shorter wavelength), how could
reception possibly improve for a lower frequency by _shortening_ the
elements? You'd be making your equivalent dipole shorter, which raises
the tuned frequency of teh antenna.

FWIW, it _is_ possible to build a discone that would reach down into the
cordless range and below. It's just that the antenna would be quite
large. (I posted a math-based note about cordless wavelengths and
antennas a few weeks ago during a thread about building a directional
antenna, specifically a YAGI, for the cordless frequency. End result:
it's a big antenna. :-)

Sherrod

--
-- --
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necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

276. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-08 06:44:37 UTC
From: Jackie Griffith <jkiegriffith@delphi.com>
Message-ID: <hSx7gj1.jkiegriffith@delphi.com>
Source record: 263200

John Maio <jmaio@swcp.com> writes:

>he killed someone, and similar incidents. Isn't that "entertaining"
>enough? I've got the news before the boob tube. But listening in

What I do sometimes is tune into the scanner freqs. that the news
people use and listen into the on-the-scene-reporters talking w/
their base station---one can learn the-rest-of-the-story tidbits
that way...things that they may not broadcast but know about.
Jackie

277. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-08 06:56:03 UTC
From: Jackie Griffith <jkiegriffith@delphi.com>
Message-ID: <pwz4IZ7.jkiegriffith@delphi.com>
Source record: 263201

Bret A Pennington <bap@storm.atms.purdue.edu> writes:

>I wonder how many passwords of all kinds go out
>over scannable airwaves every day.

Not to mention credit card numbers....as I was scanning the other night
a neighbor a few blocks away gave not only that info but her airflight
number/time, her address, phone #, etc.... if I were a shady person
this would NOT be stuff she would want me to hear <G>.
Jackie

278. Speech Inversion Software FTP???

Newsgroup: rec.radio.scanner
Date: 1995-01-08 08:29:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <f45_9501081800@rccons.lm.com>
Source record: 263218

Reply-To: rccons!aosc_pa@telerama.lm.com
X-FTN-To: bfraize@random.ucs.mun.ca

07 Jan 95 21:22, bfraize@random.ucs.mun.ca wrote to All:

bumc> A while ago someone posted that there was a way to use your sound card
bumc> to de-scramble, speech inversion scambling. AT the time I FTPed to the
bumc> site but could not fine this software. Does anyone remember the location
bumc> of the site and has anyone had any luck with this software.

From: I.Wraith@sheffield.ac.uk (IAN WRAITH)
Newsgroups: rec.radio.scanner
Date: 28 Nov 1994 05:18:47 -0600

Hello
There has been much talk in this group recently on the subject
of frequency inversion scrambling and the hardware required to
unscramble it. I have just written some software which can both
scramble and unscramble frequency inverted audio that requires only
a PC and a basic sound card.
At the moment the program can't scramble/unscramble audio in real
time instead it works with prerecorded .wav sound files. So if you
record some scrambled audio from your scanner using any sound
editor program then save it with the name scramble.wav. Then type
"inverse scramble.wav" after a while the program will create a
file called out.wav which contains the unscrambled audio which can
be played on any .wav file player.
If a .wav file containing clear speech is put through the program
the out.wav file will contain the same speech but scrambled.
I have uploaded the program to the anonymous FTP site FTP.FUNET.FI
in the directory pub/ham/dsp under the name INVERSE.ZIP. This site
can be very busy so keep trying.
The program is not perfect as the output contains some distortion
but it is an interesting first which you might be interested in.

Please let me know what you think.

Ian

I.WRAITH@SHEFFIELD.AC.UK

Rick Christian, AAJP/BSEE
AOSC PA Editor
PCO Peters Twp. P.D. @ Washington Co. E911
Internet:rccons!aosc_pa@telerama.lm.com

279. RE:Programing the Ar8000 Data Banks

Newsgroup: rec.radio.scanner
Date: 1995-01-08 09:53:06 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3eocm2$n4g@nntp.crl.com>
Source record: 263202

Jay Hester wrote
>
> I'd like a nice windows interface that lets me store all my channels
> and maintain my banks. It should have an unlimited number of psuedo-banks
> and let me choose any number, up to 20, that I can download into the rig.
> That way, I could quickly return the rig to my preferred configuration,
> and quickly reconfig it for special use.
>
> Let's say I was travelling to my folks or the in-laws. I'd just plug
> the rig into my PC & download the config for their city -- I'd use the
> same banks that I use here (1 for fire, 2 for med, 3 for police, etc)
>
> Cool, huh?
>
> I'm not that interested in collecting freqs thru scanning and then downloading
> them to a log or PC database. What I want is a way to have an infinite
> number of banks (any 20 of which are avail).
>

I didn't read all your message before replying.
I agree with you here and that is my main use for it.
I went to alot of trouble to program 100 freq and text for N AL.
Later I deleted those banks for more Ga. programing.
I had to go to N AL yesterday and I found the stuff in a capture
file that I had made when dumping the AR8000. A quick trip to
WINWORD to cut the data and replace the ALPHA part of the address
which selects the destination bank and 6 seconds later the scanner
was programed again for AL by merely 'uploading' the file to
the rs232 port!
NEAT!

It even sound neat, makes a zipping noise as the scanner reads
all that data at 9600 baud. Zip ... all that tedious programing
is done.

Vic

280. Re: 240-300 MHz MilSat Antenna..ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-08 09:53:53 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3eocnh$k87@tiger1.ocs.lsu.edu>
Source record: 263203

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: > From: brian varine <varine@ece.orst.edu>
: > Organization: College of Engineering, Oregon State University

: > Why bother?
: > It's digital and encrypted.

I've been wondering about this myself... I haven't found ONE clear
transmission in the 225-400MHz range. Granted, I haven't been working
on it TOO hard, but could somebody post a frequency that I can use
to calibrate my setup? I heard that 250.65 transmits almost continuously
so I could figure out when my antenna is constructed correctly, but
I don't get anything on 250.65 .
Can anyone help w/ a commonly used frequency?
Thanks
Dave

: > ---
: > * Origin: COBRUS - Usenet-to-Fidonet Distribution System (1:2613/
: > 335.0)

281. Re: Security in Trunking Systems (?) The Facts!!

Newsgroup: rec.radio.scanner
Date: 1995-01-08 12:10:16 UTC
From: an149095@anon.penet.fi
Message-ID: <an149095.20.008577DB@anon.penet.fi>
Source record: 263127

In article <3eko04$pjg@nntp.crl.com> Ki4je <vhealey@crl.com> writes:
>From: Ki4je <vhealey@crl.com>
>Subject: Security in Trunking Systems (?)
>Date: 7 Jan 1995 00:41:40 GMT

>I ws scanning some data I downloaded a few months ago
>and never read. I thought this was an interesting post.
>I aplogise if it made it here already.

>.....

> The scrambling procedure takes place by the Motorola's
>Central Controller, which assigns any available frequency to a given
>fleet, requesting access at any given time. I will not get anymore
>technical with Trunking, but I just wanted to give you all and idea.

They were sold the concept by Motorola that Trunking
>was scrambled and hence could not be monitored by anyone. WRONG!

WAIT A SECOND!!

I can just about guarantee that nobody at Motorola told them the that a trunking system is secure by nature!. In fact, Motorola is careful to inform Public Safety Users that even non encrypted Astro (in the digital Mode) is not considered "secure". Secondly, The Trunked Central Controller does not in any way shape or form,"scamble transmissions"!. Motorola does offer "encryption" for its equipment uses, but nobody at Motorola Ever would have made the statement that trunking by it'self is secure.

Once again, there seems to be a lot of BAD information going around about a lot of different types of communications system operations. Know what you are talking about before you make a STUPID statement like "The scambling procedure takes place by the Motorola's Central Controller". Congratulations you just made the #1 position on my 1995 uniformed stupid statements list!.

As far as the department cracking down on officers using scanners in their vehicles, that is stupid, as they could always record the channels at home and playback later. So it does nothing to ensure a solution to the problem, on top of the fact that this is a "knee jerk" reaction.

>What are your comments?

>73's

>Victor Healey (Ki4je)
>E mailto:vhealey@crl.com

>AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
>ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

282. Re: NASCAR freq's?

Newsgroup: rec.radio.scanner
Date: 1995-01-08 14:43:50 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <789576230.145snx@n2ayj.overleaf.com>
Source record: 263204

In article <1731CDA78S86.SAFS015@uabdpo.dpo.uab.edu> SAFS015@uabdpo.dpo.uab.edu writes:
>
>can someone email me the freq's used by nascar crews and spotters
>to talk to the drivers inthe cars?
>
FWIW, there is a list of "race frequencies" among the other cool stuff in
Beyond Police Call from the publisher of *Police Call*.

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com

283. Re: RE:Programing the Ar8000 Data Banks

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:10:02 UTC
From: wa1omm@aol.com
Message-ID: <3eov8a$fmv@newsbf02.news.aol.com>
Source record: 263205

A nice Microsoft Access database has been uploaded to the HAMNET Forum on Compuserve. It allows for easy import and export, as well as maintenance of AR8000 frequencies.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

284. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:12:11 UTC
From: wa1omm@aol.com
Message-ID: <3eovcb$fnm@newsbf02.news.aol.com>
Source record: 263206

Computer Shows, like the many weekend ones in the Nor'east, have numerous vendors using cellular phones for processing credit card data. I doubt that the security is very good using that method. Some unscrupulous individual could probably have a "Field Day" outside the auditorium.
73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

285. Re: Speech Inversion Software FTP???

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:14:13 UTC
From: wa1omm@aol.com
Message-ID: <3eovg5$fnv@newsbf02.news.aol.com>
Source record: 263207

The speech inversion "scrambling" can be copied very clearly using an SSB-capable scanner such as a Yupiteru MVT-7100 or AOR AR-8000.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

286. AR-8000 Jumpers

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:21:14 UTC
From: wa1omm@aol.com
Message-ID: <3eovta$fpc@newsbf02.news.aol.com>
Source record: 263208

Hi,

Inside the AR-8000 there are two jumper blocks on the main board. Does anyone know what purpose they serve?

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

287. AR-8000 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:23:18 UTC
From: wa1omm@aol.com
Message-ID: <3ep016$fpm@newsbf02.news.aol.com>
Source record: 263209

Hi,

Apparently only two lines of the AR-8000 interface cable are actually used. I wonder if it would be possible to tie those two pins of the connector to a more convenient mini-phone jack on the side of the case?

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

288. Re: Best CD-ROM Frequency Guide

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:27:31 UTC
From: Incoro@mbnet.mb.ca
Message-ID: <3ep093$87n@canopus.cc.umanitoba.ca>
Source record: 263210

In article <3en8o9$9gv@newsbf02.news.aol.com>, wwhitby@aol.com (Wwhitby) says:
>
>What is the best CD-ROM frequency guide on the market. I heard that

>wwhitby@mcl.lan.bdm.com - Work
>73s de KE4ITL

Let me know if you hear of a decent CD-ROM freq list..

Thanks

Jim

289. AR-8000 Optional Code Unit?

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:29:16 UTC
From: wa1omm@aol.com
Message-ID: <3ep0cc$frl@newsbf02.news.aol.com>
Source record: 263211

Hi,

The CU-8232 interface manual for the AR-8000 lists a command "SI." This command is described as follows:

"Set code for option ON / OFF. The SI command is used to review and select
the optional code unit On / Off if the option is fitted to the AR8000."

Ok, so who knows about this "code unit?"

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

290. Re: RE:Programing the Ar8000 Data Banks

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:46:22 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ep1ce$44a@nntp.crl.com>
Source record: 263165
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> A nice Microsoft Access database has been uploaded to the HAMNET Forum on
> Compuserve. It allows for easy import and export, as well as maintenance
> of AR8000 frequencies.
>
> 73, Paul WA1OMM
>
> Compuserve: 70411,626
> Satellite: UO-22 KO-23 KO-25
> Packet: WA1OMM@KB4N.NH

HELP. I would like to place this on the ar8000.homepage for anyone to grab
as well as to iniate discussion on how to use it as well as set
a standard format for exchanging files. I don't have access to compuserve
and I hate uuencode files showing up in the mail as part of a message.

My ftp is read only to prevent hackers from harming it. Does anyone
know of a ftp site that would accept this information from Paul as
anonymous FTP?

Does anyone know how to salvage a uuendcode file that eudora has broken into
four parts when it retrived it from the server since the message was too large?

Would a large uuencode file travel as an attachment to a message
rather then part of the message? That way eudora may just download
the file acess.txt or whatever which I can uudecode by either
uploading it back to the unix host and running unix uudecode or
I could find a dos uudecode somewhere.

Any ideas. Jonathan scanned a color picture of the ar8000 for you
guys but I can't get the darn thing together to place on site.

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

291. Re: WORCESTER MA FREQ NEEDED

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:48:55 UTC
From: Mike Fletcher <fletcher@gate.net>
Message-ID: <Pine.A32.3.90.950108104652.44396B-100000@hopi.gate.net>
Source record: 263212

On Sat, 7 Jan 1995 k.carroll@wildfire1.com wrote:

>
> I am looking for National Weather service feq for Worcester and Boston, MA
> and Concord NH.
>
> I usually look them up at the library but it closed early today and won;t be
> opened until Tuesday.
>
> My battery backup memory failed
>
> thanks
> KC
>
> Email will be fine thanks again
>
call your local weather service office, I once saw a listing of all the
wx transmitters with call sign loc and freq. also try a marine store..
hope this helps.

Mike>

292. AOR100+MAG.ANT

Newsgroup: rec.radio.scanner
Date: 1995-01-08 15:52:00 UTC
From: walter.olechny@canrem.com
Message-ID: <60.13472.5773.0N1C7DA9@canrem.com>
Source record: 263213

Aor 1000 1000 channel
8-600Mhz. 805-1300Mhz.
Comes with protective cover, rechargable batteries, charger,
rubber duck antenna as well as mobile mag mount antenna.

350.00 Canadian

e-mail if interested

... INTERNET: walter.olechny@canrem.com or ab499@torfree.net
___ Blue Wave/QWK v2.12

293. Re: AR-8000 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1995-01-08 16:01:52 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ep29g$44a@nntp.crl.com>
Source record: 263214

> Hi,
>
> Apparently only two lines of the AR-8000 interface cable are actually
> used. I wonder if it would be possible to tie those two pins of the
> connector to a more convenient mini-phone jack on the side of the case?
>
> 73, Paul WA1OMM
>
> Compuserve: 70411,626
> Satellite: UO-22 KO-23 KO-25
> Packet: WA1OMM@KB4N.NH

Caution Paul. I believe that if you check you may find that only two
lines may be used for updating the data but if you try to access
the system eeprom you may find another set used.

I suspect that is why there are two physical positions on the
european interface to place the source and clone when sending
system data to another ar8000.The second postion probably
hardcwires a different set of lines. Note I accidentally managed
to jerk the cable and got it slightly crossed across the pins
inside the interface, it killed the 8000. Nothing! Pulling the cable out
brought the 8000 back to life. Pluging it back in killed it again.
8000 side. I yanked the cable out of the interface and noticed
the minor damge to the end. Fixed it and everything works ok now.

Also did you notice that when you plug in the cable and the ar8000
is on that it causes a hardware reset of the scanner's computer?
One or more lines may serve that purpose to guarantee a known
state when using the ar8000 and the interface.

How did you measure the signals on the cable?
Did you check to see if anyother activity was present
when you were executing the commnads to automatically send
data to the host computer when ever the squelch opened?

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

294. Re: AR-8000 Optional Code Unit?

Newsgroup: rec.radio.scanner
Date: 1995-01-08 16:04:29 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3ep2ed$44a@nntp.crl.com>
Source record: 263215

> Hi,
>
> The CU-8232 interface manual for the AR-8000 lists a command "SI." This
> command is described as follows:
>
> "Set code for option ON / OFF. The SI command is used to review and
> select
> the optional code unit On / Off if the option is fitted to the AR8000."
>
> Ok, so who knows about this "code unit?"
>
> 73, Paul WA1OMM
>
> Compuserve: 70411,626
> Satellite: UO-22 KO-23 KO-25
> Packet: WA1OMM@KB4N.NH

Jonathan but he isn't telling. Said Aor England very quite about this.
Maybe someone else where in the world knows?

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

295. Re: WORCESTER MA FREQ NEEDED

Newsgroup: rec.radio.scanner
Date: 1995-01-08 16:08:11 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-0801951107030001@alexander.terranet.com>
Source record: 263216

> call your local weather service office, I once saw a listing of all the
> wx transmitters with call sign loc and freq. also try a marine store..
> hope this helps.
>
> Mike>

I would expect that any local Rat Shack casn give you that info. They have Police Call and their Radio magazine--both contain that info. If you really want to keep up with all of the Mass.-based freqs, get a copy of Scanner Master. 800-722-6701. I forget what I paid for mine--I think about $25 but it is worth it: 692 pages of freqs and useful info.

--
Michael Alexander
"Nils Carborundum"

296. Re: PRO2006 attenuator switch - can't win

Newsgroup: rec.radio.scanner
Date: 1995-01-08 16:23:29 UTC
From: dfleming@earth.execpc.com
Message-ID: <3ep3i1$k2k@homer.alpha.net>
Source record: 263217

Randy Miller (tango@teleport.com) wrote:
: The PRO2006 has a switch on the back to attenuate the incoming atenna signal
: by 10 db. If I switch to no attenuation, I overload on some bands and hear
: nothing. If I switch it on, I miss a lot of weak signals. A no-win
: situation. The problem is most noticible in the VHF range, less in UHF.

: Suggestions?

: Configuration: Diamond discone mounted 35 feet above ground, with a short
: run of RG6 into the second story of the house to the scanner. I'm in a suburb
: about 10 or 15 miles from downtown Portland, OR.
: --
: randy miller tango@teleport.com
I know Grove's new catalog has a new item called a variable attenuator (sp?)
that should work in your particular case.

297. PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-08 17:01:14 UTC
From: robertson9@aol.com
Message-ID: <3ep5oq$gfl@newsbf02.news.aol.com>
Source record: 263219

Does anyone know of any mods for the PRO-2035?

Thanks,
Tom
Robertson9@aol.com
NL7ZL

298. URLS to Radio Resources on the Internet

Newsgroup: rec.radio.scanner
Date: 1995-01-08 17:46:35 UTC
From: vhealey@crl.com
Message-ID: <vhealey.166.2F1024FB@crl.com>
Source record: 263220

```
Radio Sources on the Internet

Please send updates and corrections to:
mailto:miller@ccm.ut.intel.com<Brett Miller>

World Wide Web URLS
---------------
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggins
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

FTP URLS
----
ftp://ftp.cdrom.com/pub/hamradio/
ftp://oak.oakland.edu/pub/hamradio
ftp://ham.eetech.mcgill.ca/pub/ham-radio
ftp://bubba.business.uwo.ca/mods
ftp://garfield.catt.ncsu.edu/pub/hamradio
ftp.sunet.se/pub/radio
ftp://ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
ftp://mgate.arrl.org ARRL FTP site
ftp://ftp.cs.buffalo.edu/pub/ham-radio
ftp://ucsd.edu/hamradio
ftp://unbc.edu/ampr
ftp://tandem.com/hamradio
ftp://nic.funet.fi/pub/ham
ftp://ftp.demon.co.uk/pub/ham/mac - MAC stuff
```

ftp://grivel.une.edu.au/ham-radio
ftp://rtfm.mit.edu/pub/usenet/news.answers/ham-radio - Radio FAQs
ftp://ftp.qrz.com/qrz - QRZ CD-ROM files (no callsign database)
ftp://archive.afit.af.mil/pub/space/amateur.tle - Keplerian Elements
ftp://ftp.crl.com/user/ro/vhealey/www (use WWW viewer for HTML docs)

E-Mail servers URLS
---
mailto:ftpmail@exchange.tlh.fl.us - get INDEX.TXT
mailto:qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
mailto:callbook@n8emr.cmhnet.org - Callsign server
mailto:wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mailto:mail-server@rtfm.mit.edu - put help in the message body

Gopher URLS
---
gopher://gopher.switch.ch/11/misc/faq/faq-dir FAQs
gopher://hamster.business.uwo.ca (129.100.89.100)
gopher://gopher.cic.net/11/e-serials/general/radio
gopher://scitsc.wlv.ac.uk/11/pub/hamradio
gopher://yfn.ysu.edu/11/public/sigs/ham
gopher://gopher.fcc.gov

USENET URLS
---
news:alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
news:alt.cellular - (I've never seen any cellular related traffic yet)
news:alt.radio.pirate - Pirate radio station topics
news:rec.antiques.radio+phono - Antique radio & phono topics
news:rec.radio.amateur.antenna - Antenna related topics
news:rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
news:rec.radio.amateur.misc - Main newsgroup for Ham radio topics
news:rec.radio.amateur.digital.misc - Digital communications (including Packet)
news:rec.radio.amateur.homebrew - Make your own radio equipment
news:rec.radio.amateur.packet - (not used any more?)
news:rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
news:rec.radio.amateur.space - Ham radio & space communications
news:rec.radio.broadcasting - AM & FM broadcasting
news:rec.radio.scanner - Monitoring above 30 MHz
news:rec.radio.shortwave - Monitoring below 30 MHz
news:rec.radio.swap - radio related sales & swap topics
news:rec.radio.cb - Citizens Band Radio topics
news:rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)

Brett Miller N7OLQ mailto:miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

URL= Uniform Resource Locator
HTML= Hyper Text Markup Language (or Links)

Just a footnote. I took Brett's excellent compilation and edited it
to make it more Internet friendly. How? URLS recognized by Netscape
and other decent web browses /newsreaders can be included in your posting
if you think carefully and follow a few rules. All the urls have a colon
in them. i.e. mailto: http: etc. Some require two to three slashes /
after them, then the information you are pointing to follows that.

Now if you read this message with say Netscape all those URLS
will show up in one of two colors depending on whether or not
you have used them in the last 30 days. What is nice also is
that you can click on save, give it a name like sources.htm
and whenever you use the load file option of netscape you can
instantly point to any of the listed places with the click of
a mouse and go there. No typing needed! You could even point to
that file as your homepage and use it for instant radio access.

I personally use the bookmarks saved as a html file as the
Home page on my local system, but that is another story.

73's

Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

299. Need help w/VOX & scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-08 18:09:45 UTC
From: thawk555@aol.com
Message-ID: <3ep9p9$gvq@newsbf02.news.aol.com>
Source record: 263221

When I try to record from my scanner (220xlt) to my VOX (unknown brand) I get a strange stattic sound. The sound starts very quiet then gets progressivly louder untill you turn the squelch all the way down then back up. It goes away for appox. 5-8 sec. then returns in the same way.

I am running a patch cord from teh phones out, from the scanner; to the mic in, of the recorder. Is there a special type of patch I need to run.

Tom Altman
Solon, Iowa.
THawk555

300. Scan the 800mhz band with any scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-08 18:40:08 UTC
From: hiyall@elvis.vnet.net
Message-ID: <3epbi8$sl6@elvis.vnet.net>
Source record: 263222

HOW TO SCAN THE 800MHz BAND ON ANY SCANNER!!!!!!!!

You can make your scanner tune the 800 mHz band by simply taking an old,
but working UHF TV tuner. Attach a 9 volt dc battery to the unit,
feed the output into the scanner antenna input jack and scan
from about 43 mHz to 46 mHz.
An antenna about 1 to 2 inches long on the 300 ohm plugs works fine locally.
The tuner needs to be set on channel 83.
Have fun!!! Happy scanning! Enjoy!!!

****

I downloaded the above information from a BBS in Charlotte NC .
I have no other information except what is written above....

Has anyone tried this or something like it?

Any one have diagrams / plans for an external adapter for scanners
to enable them to receive the cellular phone frequencies?
I understand there was such a thing until the FCC outlawed them...

John Wenzelburger

hiyall@vnet.net

301. Re: Sportcat

Newsgroup: rec.radio.scanner
Date: 1995-01-08 18:41:40 UTC
From: dxk21@po.cwru.edu
Message-ID: <dxk21.138.0012B231@po.cwru.edu>
Source record: 263139

In article <3ei660$1de$1@mhadg.production.compuserve.com> Jeff Goldman
<76703.4224@CompuServe.COM> writes:
>From: Jeff Goldman <76703.4224@CompuServe.COM>
>Subject: Re: Sportcat
>Date: 6 Jan 1995 01:25:20 GMT

>Check out the cellular mod in the Jan issue of RCMA Scanning Magazine, available
>at many dealers.

what type of mod was this? hardware, keypad routine, etc?

dk

302. AOR8000 and DTMF decoding

Newsgroup: rec.radio.scanner
Date: 1995-01-08 19:40:30 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3epf3e$5ci@mojo.eng.umd.edu>
Source record: 263223

Is the AOR8000 capable of DTMF decoding?

I understand that it is possible to record the tones and decode them afterwords
in a number of ways, but I'm just curious if this feature is built into
the scanner; everything else seems to be.

-Alex.

303. PRO2006 EPROM Disassembly?

Newsgroup: rec.radio.scanner
Date: 1995-01-08 19:49:38 UTC
From: dcomer@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <3epfki$kdp@mack.rt66.com>
Source record: 263125

I was wondering if anyone has purchased the EPROM inside the PRO2006
as a spare from RS and attempted dissasembly? That is, the main processor
appears to be an 8051 derivative and, assuming that the EPROM does not
contain a KEYPROM flag, it should be readable. Anyone considered or
done this?

Thanks,

Dave Comer
dcomer@rt66.com

304. Re: Security in Trunking Systems (?) The Facts!!

Newsgroup: rec.radio.scanner
Date: 1995-01-08 19:49:38 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3epfki$aoh@nntp.crl.com>
Source record: 263224

Know what you
> are talking about before you make a STUPID statement like "The scambling
> procedure takes place by the Motorola's Central Controller". Congratulations
> you just made the #1 position on my 1995 uniformed stupid statements list!.
>
> As far as the department cracking down on officers using scanners in their
> vehicles, that is stupid, as they could always record the channels at home and
> playback later. So it does nothing to ensure a solution to the problem, on
> top of the fact that this is a "knee jerk" reaction.

May I caution you that I did not make that statement. This information
is from another source and I thought it interesting. The fact is that
the Motorola and other TRS are oversold to the local governemnts. Just last night
I heard one commander cry out that they better get this damn @#$% radio
system fixed before one of us gets hurt out here. TRS problems!

I know of one case that was published on a local bbs of an officer that
got fired because of what he thought was a private communication that
got tape recoreded by a scanner user and giver to his SO. I have no easy
way of confirming if that was true but I suspect it is.

The officers in the field are misinformaed by the reps that are supposed
to train them on the new system. They have high expectations that suprise them
when the TRS comes up short.

73's
Victor Healey (Ki4je)
E mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) Information URL
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

305. Re: Need help w/VOX & scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-08 19:52:46 UTC
From: adamatt@aol.com
Message-ID: <3epfqe$hoq@newsbf02.news.aol.com>
Source record: 263126

thawk555@aol.com (THawk555) writes:

>When I try to record from my scanner (220xlt) to my VOX (unknown brand) I
>get a strange stattic sound. The sound starts very quiet then gets
>progressivly louder untill you turn the squelch all the way down then
back
>up. It goes away for appox. 5-8 sec. then returns in the same way.

>I am running a patch cord from teh phones out, from the scanner; to the
>mic in, of the recorder. Is there a special type of patch I need to run.

>Tom Altman
>Solon, Iowa.
>THawk555

Tom-
I recently got a VOX recorder for my scanner. I have a Bearcat
8500XLT. I also had that same problem. I was running the patch out of my
phones/ext speaker to the mic jack of the recorder. I found that, since
the output jack from the scanner was the phones/ext speaker line, it
emmited the low backround buzz that the speaker would. My VOX recorder,
after a couple of seconds, would pick up the noise and start recording if
there wasn't anything else making noise. I solved the problem by running
the scanner line out of the "LINE OUT" jack instead of the phones/ext
speaker jack. Also, my scanner has an AUX jack that, I later found out,
plugs into the recorders REMOTE jack & controls the recorder. (So really
don't need to use the VOX function.) Hope I was of some help!
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

306. Re: Heelo

Newsgroup: rec.radio.scanner
Date: 1995-01-08 19:55:41 UTC
From: gandalf@midearth.system-ent.com
Message-ID: <55@midearth.system-ent.com>
Source record: 263153

Re: Re: Heelo

> : Hello all
> : The Middle earth BBS is now Posting in this Newsgroup
> On Usenet newsgroups, the right place for test postings is
> in misc.test. There are automatic responders that monitor
> that group and will let you know how far your posts are
> getting & whether they're arriving intact.
> Anyway, welcome to rec.radio.scanner and happy new year!

Thanks, and Happy New Year to you as well.

307. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-08 20:37:08 UTC
From: dctrhappy@aol.com
Message-ID: <3epidk$i5j@newsbf02.news.aol.com>
Source record: 263128

:What I do sometimes is tune into the scanner freqs. that the news
:people use and listen into the on-the-scene-reporters talking w/
:their base station---one can learn the-rest-of-the-story tidbits
:that way...things that they may not broadcast but know about.

Does anyone have any actual first or second-hand accounts of this? Seems
that this strikes high on my interesting meter.

308. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-08 21:45:36 UTC
From: grady@netcom.com
Message-ID: <gradyD23wG0.16D@netcom.com>
Source record: 263167
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Richard A. De Castro (decastro@netcom.com) wrote:

: >For national park use - a transceiver modified to xmit in the bands
: >the rangers use. Again, life or death.

: Aside from the legal issues, which we thashed out a week or two ago, how are
: you going to get the repeater frequencies? Most frequncy books don't
: have the input frequncy or the CTCSS/DPL code, and even most of the few
: that have them don't give you the correct pairings. And, the users of the

Well if you are in far northern California (Humboldt County), you can use:

Humboldt County Sheriff (primary) Out:154.740 In:155.790 PL:162.2
CHP (Arcata) Out:42.540 In:42.240 PL:107.2
CALTRANS (Gasquet) Out:457.975 In:452.975 PL:123.0
Fish and Game (Coast District) Out:151.415 In:159.435 PL:103.5
CA Forestry (Fortuna) Out:151.250 In:159.405 PL:none
CA Parks & Rec Out:855.7375 In:810:7375 PL:D115
CA OES Out:153.755 In:154.980 PL:192.8
Six Rivers National Forest Out:168.725 In:170.125 PL:none
Commerce Dept (NOAA) Out:162.550 In:416.375 PL:none
Dept of Interior (National Park) Out:166.375 In:166.975 PL:136.5
Out:165.1625 In:164.425 PL:none
Justice Dept (FBI) Out:167.4375 In:162.7375 PL:167.9
FAA Out:172.925 In:169.325 PL:136.5
Treasury Dept (Customs) Out:165.2375 In:166.4375 PL:100.0

Do not kerchunk FBI or Treasury repeaters. It annoys the hell out of them
and might interfere with an on-going children immolation assignment.

: The best way to prepare for the woods is to learn how to be safe, including
: not doing anything stupid, always travelling in groups, and letting people
: know where you're going and when you'll be back. You can even stop and

No argument here.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

309. Re: Need help w/VOX & scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-08 21:49:41 UTC
From: copeland@fohnix.metronet.com
Message-ID: <3epmll$9iu@fohnix.metronet.com>
Source record: 263129

In article <3epfqe$hoq@newsbf02.news.aol.com>, AdaMatt <adamatt@aol.com> wrote:
>thawk555@aol.com (THawk555) writes:
>
>>When I try to record from my scanner (220xlt) to my VOX (unknown brand) I
>>get a strange stattic sound. The sound starts very quiet then gets
>>progressivly louder untill you turn the squelch all the way down then
>back
>>up. It goes away for appox. 5-8 sec. then returns in the same way.
>
>>I am running a patch cord from teh phones out, from the scanner; to the
>>mic in, of the recorder. Is there a special type of patch I need to run.
>

The increasing sound is the recorders Automatic Level Control (ALC).

Your scanner output is to strong for the recorder input.
Buy a attenuator cable from Radio Shack.

--

| There are two types of people in this world, those who separate |
| people into groups,and those who don't. copeland@metronet.com|
---

310. PRO-2006 Cellular???

Newsgroup: rec.radio.scanner
Date: 1995-01-08 22:27:15 UTC
From: adamatt@aol.com
Message-ID: <3epos3$j4i@newsbf02.news.aol.com>
Source record: 263130

I don't have the PRO-2006, but I have a question about it. Does it have cellular capability? My current scanner, for instance, is the BC 8500XLT and it has a special chip that blocks out cellular transmissions, or something to that extent. You guys that have the PRO-2006, does it have one of those, or can you pick up cellular calls with it? Thanx!

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

:::::::::AdaMatt@aol.com:::::::::

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

311. Radio Shack 2006-2035-DPL tone boards

Newsgroup: rec.radio.scanner
Date: 1995-01-08 22:50:52 UTC
From: dmaxwell@hookup.net
Message-ID: <dmaxwell.18.2F106C4B@hookup.net>
Source record: 263131

Does anyone know of a dealer that modifies the radio shcak products with tone boards?

Also our OPP in Ontario are quite possibly going to DPL tones from PL tones Anyone know if these DPL tones can be broke.Comments appreciated

---

David R. Maxwell dmaxwell@hookup.net

---

312. Re: Cowlitz County Wa. freqs wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-08 22:51:12 UTC
From: lambrose@csc.com
Message-ID: <3epq90$rg4@explorer.csc.com>
Source record: 263133

Tim Long (tllong@eskimo.com) wrote:
: My uncle down in Longview Washington got a scanner and I'm trying to help
: him get some good frequencies to listen to. If you have anything

Note duplicate freqs: I have not tried these.

Cowlitz County Sheriff (F-1) 156.21, 155.37
(F-2) 155.595 154.37
Fire 154.37
Kelso Police (F-1) 155.67
(F-2) 156.21
Fire 154.37
Longview Police (F-1) 155.535
(F-2) 156.21
Fire (F-1) 155.535
(F-2) 154.37
Castle Rock (Duplicates above)
Kalama Police (F-2) 155.01 (F-1) and fire are dups
Woodland Police (F-2) 155.085 (F-1) and fire are dups

Laren Ambrose
Computer Sciences Corp.
Contract to the: FAA
Airports Division, Seattle
(206) 227 2956
(or) lambrose@hq.faa.gov

313. Re: Voice inversion/Cobra cordless mods

Newsgroup: rec.radio.scanner
Date: 1995-01-08 22:58:29 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D23ztH.lt5@nntpa.cb.att.com>
Source record: 263169
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3epi26$i40@newsbf02.news.aol.com>,
DctrHappy <dctrhappy@aol.com> wrote:

>I have a Cobra cordless with voice inversion.
> Is there any way to use the
>inversion chip (or whatever the heck it is) outside of the phone?
....

For what purpose? You could connect the audio output
of your scanner to the audio input (cut the microphone)
of a 49 MHz baby monitor through a DC blocking capacitor.

This is a simplified explanation of the scheme I documented
in my article "Convert Your Fisher Price Baby Monitor to a Repeater".

Voice inverted signals received by your scanner are then
retransmitted in the 49 MHz range, and the base part of
your cordless phone can hear them. If you luck out,
it will descramble them, too.
--

==========
Copyright 1995, Bob Parnass, AJ9S

314. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-08 22:58:47 UTC
From: gdallal@world.std.com
Message-ID: <D23ztz.n4z@world.std.com>
Source record: 263132

DctrHappy (dctrhappy@aol.com) wrote:
: :What I do sometimes is tune into the scanner freqs. that the news
: :people use and listen into the on-the-scene-reporters talking w/
: :their base station---one can learn the-rest-of-the-story tidbits
: :that way...things that they may not broadcast but know about.

: Does anyone have any actual first or second-hand accounts of this? Seems
: that this strikes high on my interesting meter.

Sure. Just check your
frequency lists for repeater freqs assigned to newsgathering organizations.
The Offcial Mass scanner guide has many of them collected on page 20
under "Media Channels".

315. Re: AOR8000 and DTMF decoding

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:00:10 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3epqpq$gal@nntp.crl.com>
Source record: 263134

> Is the AOR8000 capable of DTMF decoding?
>
> I understand that it is possible to record the tones and decode them afterwords
> in a number of ways, but I'm just curious if this feature is built into
> the scanner; everything else seems to be.
>
You spoted a feature they didn't think of.
I think a real time clock would have been nice as well as
a calulator and memo pad. Pushbottons are all there.

PL decode would have been an intersting feature also.

Also a simple algorythm to decode morse code and maybe fax as well
as the digital signals in the ham bands. Nice screen to display the data.

Maybe the next one.

Vic

316. Re: BC 8500XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:07:12 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3epr70$nt5$1@mhadg.production.compuserve.com>
Source record: 263168
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The BC9000XLT is due out this month and is supposedly on display right now at the Consumer Electronics Show in Las Vegas.

May the BC8500XLT rest in peace. :-)

317. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:09:55 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3eprc3$nt5$2@mhadg.production.compuserve.com>
Source record: 263135

The US Pro2035 has a totally different CPU than the UK, uncensored one. If you're looking for cellular in the US one, forget it.

318. Icom 2SRA INFO WTD

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:12:49 UTC
From: opp@netcom.com
Message-ID: <oppD240HD.3Gr@netcom.com>
Source record: 263137

```
: If you've owned or had experience with the icom 2sra i'd like to hear the
: pro and the con. why did icom drop it? was the receiver part on a par
: with the r1? what's a reasonable priced used today. e-mail please. thanks
: in advance for any help.
--
opp@netcom.com
```

319. AR8000 Sold!

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:21:11 UTC
From: opp@netcom.com
Message-ID: <oppD240vB.4JD@netcom.com>
Source record: 263141

```
It's been sold. Thanks for the enormous response.
--
opp@netcom.com
```

320. Re: alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:25:06 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3eps8i$o54$1@mhadg.production.compuserve.com>
Source record: 263136

There is a program out called afie-it. It seems to work pretty
good on my laptop, but will only connect to one of the systems on
my computer here. Has a deep init. stage that does the trick.
CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

321. DTMF and Trunking

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:42:16 UTC
From: fitzer.1@postbox.acs.ohio-state.edu
Message-ID: <fitzer.1.5.2F107858@postbox.acs.ohio-state.edu>
Source record: 263138

I am looking for a couple of things, first off I'm looking for software that will decode DTMF info. that has been sampled as a .WAV or other file, and I'm also looking for general reading on trunking system, I'm new to scanning and want to learn more...

Thanks,

Derek Fitzer

322. Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:46:17 UTC
From: mharsch@lamar.ColoState.EDU
Message-ID: <3eptg9$1okk@yuma.ACNS.ColoState.EDU>
Source record: 263143

I know that some states have passed laws that prohibit the use of scanners in an automobile. I have also heard from a couple of people that Amateur Radio Operators (HAMS) are exempt from all scanner laws including this law. Is this true? Is it a federal or state exemption? What other laws are HAMS exempt from?

Thanx for your help,
John Pape N0ZFT
jdpape@alpha.pr1.k12.co.us
mharsch@lamar.cs.colostate.edu

323. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:47:07 UTC
From: robertso@bev.net
Message-ID: <3epthr$7k5@solaris.cc.vt.edu>
Source record: 263140

In article <3ep5oq$gfl@newsbf02.news.aol.com>, robertson9@aol.com (Robertson9) says:
>
>Does anyone know of any mods for the PRO-2035?

January 1995 MONITORING TIMES. Bill Cheek (Scanner Modification Handbooks fame)

Most Mods for the Pro-2004,5,6 should work on the 2035. (except celluar restoration)

324. albuquerque, NM frequencies needed please.

Newsgroup: rec.radio.scanner
Date: 1995-01-08 23:55:09 UTC
From: Al Gunn <agunn@delphi.com>
Message-ID: <BO65JEN.agunn@delphi.com>
Source record: 263142

M area. Please no police, fire, or ambulance frequencies because I am drowning in those.

Thanks in advance. You can either post it here or e-mail me at

agunn@delphi.com

325. Re: AOR8000 and DTMF decoding

Newsgroup: rec.radio.scanner
Date: 1995-01-09 00:07:27 UTC
From: wa1omm@aol.com
Message-ID: <3epunv$k3j@newsbf02.news.aol.com>
Source record: 263144

No, DTMF tone decoding is not a feature, nor an option, on the AR-8000.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

326. Re: alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-09 01:34:51 UTC
From: ad225@detroit.freenet.org
Message-ID: <3eq3rr$933@detroit.freenet.org>
Source record: 263145

Re: the problems accessing an alpha pager via computer:

Are you using an alpha page program to access the terminal? Some cannot be accessed without a program, some can.

Also, you need to know the stop bits configuration and the baud rate of the terminal his paging system uses. The normal default settings are 300 baud, 7-even-1. Even if his terminal will accept a faster baud rate, you are safe sending at 300 baud. If you don't know the rate and send at one faster than the one it uses your page will be rejected.

You must also find out if his system is password protected.

Finally, many systems use so-called ghost numbers, i.e. the pager's telephone number and the pin number are NOT the same.

Remember, the number you dial from your computer to access his pager must be the paging terminal's modem number and not the 7-digit number assigned to his pager.

I hope this helps. Any further questions, feel free to e-mail me and I or one of my technical staff will be happy to help you further.

Gary Baumgarten
Michigan Public Safety Network
"Michigan's most pro-active public safety notification paging system"
--
Gary Baumgarten
ad225@detroit.freenet.org

327. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-09 01:38:51 UTC
From: ad225@detroit.freenet.org
Message-ID: <3eq43b$a69@detroit.freenet.org>
Source record: 263146

John:

Most states exempt Ham radio operators from scanner in car laws.
The reasoning is thus: police radio frequency assignments are
often smack dab in the middle of the Ham bands. So a broad
intrepretation of the laws, without an exemption for Ham
radio operators, would put Hams that use their mobil radios
in legal peril.

The second reason is that police agencies have long recognized
the emergency communications capabilities that Hams have offered
them in time of need.

Gary Baumgarten
Michigan Public Safety Network
--
Gary Baumgarten
ad225@detroit.freenet.org

328. Re: Uniden BC2500XLT info wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-09 01:49:46 UTC
From: laron@primenet.com
Message-ID: <3eq4nq$t62@news.primenet.com>
Source record: 263170
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

A GOOD PRICE?
you people are getting ripped off
i have a catalog here listing it as $349 refular on sale for $319!
so the company below is making aover a $100 profit off you more!
shop before you buy! nothing is for free but u are being had
Bob Parnass, AJ9S (parnass@nwsf.ih.att.com) wrote:
: In article <D1xHwC.Jz@conexch.uucp>,
: Larry Dighera <root@conexch.uucp> wrote:
:
: > Does anyone have any information regarding the
: > Uniden BC 2500XLT scanner? Damark (+1 800 827-6767)
: > is offering them for $449.99 + $7.50 S/H. Is that
: > a reasonable price for this 400 channel continuous
: > band scanner? Does anyone have information about
: > cellular reception with this unit? Can it be modified?
: > Is there a newer/better model available now?

: I have the new Uniden/Bearcat BC3000XLT, a replacement for the
: the BC2500XLT, on loan for evaluation. Although I've not
: completed testing, I'm pretty impressed with what I've seen
: so far and I haven't experienced the overload problems
: which dogged the earlier BC2500XLT.

: I've been told the street price will be near the Damark figure you
: quoted for the old model and they are expected to become
: available in a few weeks.
: --

: ==
: Copyright 1995, Bob Parnass, AJ9S
: AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

329. Re: Security in Trunking Systems (?) The Facts!!

Newsgroup: rec.radio.scanner
Date: 1995-01-09 02:14:04 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950108180253.16239E-100000-100000@holmes.ece.orst.edu>
Source record: 263147

On Sun, 8 Jan 1995 an149095@anon.penet.fi wrote:
> > The scrambling procedure takes place by the Motorola's
> >Central Controller, which assigns any available frequency to a given
> >fleet, requesting access at any given time. I will not get anymore
> >technical with Trunking, but I just wanted to give you all and idea.
>
> They were sold the concept by Motorola that Trunking
> >was scrambled and hence could not be monitored by anyone. WRONG!
>
> WAIT A SECOND!!
>
> I can just about guarantee that nobody at Motorola told them the that a
> trunking system is secure by nature!. In fact, Motorola is careful to inform
> Public Safety Users that even non encrypted Astro (in the digital Mode) is not
> considered "secure". Secondly, The Trunked Central Controller does not in any
> way shape or form,"scamble transmissions"!. Motorola does offer "encryption"
> for its equipment uses, but nobody at Motorola Ever would have made the
> statement that trunking by it'self is secure.
>
> Once again, there seems to be a lot of BAD information going around about
> a lot of different types of communications system operations. Know what you
> are talking about before you make a STUPID statement like "The scambling
> procedure takes place by the Motorola's Central Controller". Congratulations
> you just made the #1 position on my 1995 uniformed stupid statements list!.

Hmmm. Motorola told Portland PD that their 800 system would never fail.
Guess what? It has, numerous times. Leaving all public saftey using
400MHz pac-sets. Florida has had a lot of problems too. So in thre
interest off selling their overly-expensive radios I can believe that
someone at Motorola would say it's secure. It may not be in writing but
they've made a lot of great claims with their system, but, their claims
have proven false---at taxpayer expense.

330. PRO-51 Software Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-09 02:20:21 UTC
From: mharsch@lamar.ColoState.EDU
Message-ID: <3eq6h5$36fb@yuma.ACNS.ColoState.EDU>
Source record: 263148

The following is a software mod I found at:
http://dice.dac.neu.edu/Homepages/paul/al.html

HERE IS THE PRO-51 CELL MOD:

There is an interesting test mode in the PRO-51 that, combined with the direct search feature of the scanner, lets you pick up out-of-band frequencies. You will have full access to the 66-88 Mhz ranges as well as the cellular base range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these comments should be true for any Uniden-made Radio Shack scanner, such as the PRO-46). I'll describe them first and then how to take advantage of one of them to get the restricted frequencies.

There are three data test modes. These modes completely destroy any frequencies you had programmed into your scanner, so it's best to use these techniques before you program your scanner. If you have already programmed it, you'll have to decide if these new capabilities are worth reprogramming.

Test mode 0. Clear the scanner.

A well-known method of clearing the scanner to all zeros is to hold down the 2 key, the 9 key, and turn on the scanner. All frequencies will be lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.
Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.
This fills channels 1-25 with these frequencies:
1 30.050
2 40.840
3 49.900
4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*

17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96*
24 911.50
25 954.125

* indicates not within the PRO-51's normal coverage. More on how to use these in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual
It fills channels 1-17 with these frequencies:
30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00, 54.00, 109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnotic mode.
Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.
This put the display in test mode. Every annunciator and every digit element is turned on in a scan from the left side of the display to the right. To keep this test mode continuous, release the buttons before the first scan finishes. This mode does not affect stored memory. Press any key to exit this display mode.

Now, if you've decided to try test mode 1, you will find several out-of-band frequencies stored in your memory channels. Channels 14-16 hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds a frequency in the blocked out cellular base range. Once you have these frequencies stored in a memory channel, the PRO-51's direct search feature will let you search though these ranges. In the cellular band, the scanner searches in the correct 30 Khz steps.

You don't have to keep these frequencies in these channels. You can move them to any channel in the scanner. First move them to a monitor channel. While on a channel with one of these frequencies, open squelch completely. Press direct search button, either up or down. The direct search button puts the scanner into search mode and the open squelch holds the frequency. Then press the Monitor button. The frequency is now in the monitor channel indicated in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not displayed

Press E(nter)

The frequency is now permanently stored in the memory channel. You can do a direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio frequency while searching in this range. However, TV channel 2 audio is at 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy, since the PRO-51 is receiving in narrow FM mode while TV audio requires wide band FM mode for proper reception.

I have not tried the above mod yet, but since I just bought a PRO-51 I will soon try it. The reason I posted this is to hopefully get responses containing other PRO-51 software mods. Thank you very much for everyone's help and I hope you all can find the above mod useful.

73,
John Pape N0ZFT
jdpape@alpha.pr1.k12.co.us
mharsch@lamar.colostate.edu

331. Rolling Stones Concert

Newsgroup: rec.radio.scanner
Date: 1995-01-09 02:30:47 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3eq74n$c0g@hal9000.apana.org.au>
Source record: 263149

Does anyone have any frequencies used by security, concert staff etc. at the ROLLING STONES CONCERT?

It is coming to Australia soon and I would like to be prepared. I only want frequencies that are used at ALL concert locations, NOT private security firms/companies that are hired for each seperate location.

Any ideas? They must use some type of UHF handhelds during setting up and during the actual concert.

Cheers Matthew
matthew@hal9000.apana.org.au

PS Could you please email me!

332. Is my Pro-2006 broken?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 02:36:26 UTC
From: starin@netcom.com
Message-ID: <starinD249wq.n0w@netcom.com>
Source record: 263150

I normally receive the police on 476.4125 Mhz. Fine. Okay. Now, I can hear the same dispatcher on exactly twice this frequency, at 952.8250. I thought that Images were not EXACTLY twice the frequency. And, additionally, isn't the Pro-2006 supposed to be immune to images?

Anyone else have this problem?

Thanks
--
Jeffrey
{New York}

333. PRO-2006 Diagnostic Mode - info needed

Newsgroup: rec.radio.scanner
Date: 1995-01-09 02:59:39 UTC
From: gpmx@iquest.net
Message-ID: <D24AzG.Iu7@dorite.use.com>
Source record: 263151

I saw question posted here on 1/1/95 concerning subject, but din't have a chance to see if anyone replied. Most scanners can be put into a diagnostic mode with a simple combination of keys held down while scanner is powered on. If you have this info for the PRO-2006, please post it here with short note on non-standard freqs, etc. Thanks.
-Bill

334. Re: 900 Mhz Panasonic Phone Mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 03:47:06 UTC
From: jlager@w8hd.org
Message-ID: <3eqbjq$sm5@tango.w8hd.org>
Source record: 263152

> I own a Panasonic CORDLESS 900 Mhz phone & I have been VERY happy with it's
>performance. The model number is KX-T9220. I recently opened the phone to
>clean it & noticed there were a few adjustments that could be made. There
>seems to be some screws that can be turned to adjust transmit and receive.
>Like i said I'm more than happy with the performance, however when there is
>room for inprovement i am always looking for it. Since the warenty on the
>phone is no longer good, i was wondering if anyone knew of any mods that
>could be made on the phone to increase it's range.

If you're happy with the performance, DON'T change those adjustments !
If you want more range, try substituting another base antenna that is
exactly twice but not more than exactly three times the original length.
And always get the base unit as high as possible.

- Jim Lagerkvist

335. Beginner's guide to Scanning ?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 03:51:09 UTC
From: sarangan@maxwell.uwaterloo.ca
Message-ID: <D24DD9.L97@watserv2.uwaterloo.ca>
Source record: 263155

Where can I find information for beginners to the world of scanning ? Is there a FAQ for this newsgroup ?

Thanks
--
Andrew Sarangan
sarangan@maxwell.uwaterloo.ca

336. Marin County (CA) scanner freq's wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-09 03:59:05 UTC
From: donut@crl.com
Message-ID: <3eqca9$4ot@crl3.crl.com>
Source record: 263154
Cross-posted to: ba.general,rec.radio.scanner,alt.radio.scanner

I'm looking for some good frequencies to load into my scanner,
particularly police & fire, for Marin County.

I do have a copy of Police Call for California, but it lists _so_ many
frequencies - which are the active ones?

Please respond via e-mail.

Thanks!

Duncan Shaw |E-mail me for a list of Bay |
donut@crl.com |Area radio & TV stations! |
San Rafael, California |---------------------------|
Editor, College of Marin Echo Times |Watch "My So Called Life" |
News Intern, KFTY Channel 50 News |Thursdays, 8 pm on ABC |
---

337. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-09 04:22:16 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D24Et5.44s@zeno.fit.edu>
Source record: 263157

In article <3eq43b$a69@detroit.freenet.org>,
Gary Baumgarten <ad225@detroit.freenet.org> wrote:
>
>The reasoning is thus: police radio frequency assignments are
>often smack dab in the middle of the Ham bands. So a broad

it's actually more like the ham bands and public safety bands are
neighbors and a lot of ham gear kinda looks like scanners...

certainly the emergency communications aspect is important as well..

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

338. Re: Is my Pro-2006 broken?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 04:22:50 UTC
From: tls@gate.net
Message-ID: <3eqdmq$12ps@tequesta.gate.net>
Source record: 263156

Sounds like you are hearing the second harmonic, which is a weaker signal
at exactly twice the fundamental frequency. It is not the same as an
image, which involves adding or subtracting the IF.

--
Terry Steinford
tls@gate.net

339. PRO-39 Modification Request

Newsgroup: rec.radio.scanner
Date: 1995-01-09 04:34:12 UTC
From: pasc1961@altair.selu.edu
Message-ID: <1995Jan8.223412.1@altair.selu.edu>
Source record: 263159

I have a PRO-39 and would like to modify it to give me more freqs. Also, can
I modify it (easily) so that I can pick up 200-400mHz? Thanks in advance.

Chris Gilbert
pasc1961@altair.selu.edu
CKGilbert@aol.com

340. Confirmed! Pro-2006 IS broken. Need help

Newsgroup: rec.radio.scanner
Date: 1995-01-09 04:42:58 UTC
From: starin@netcom.com
Message-ID: <starinD24Frn.4w9@netcom.com>
Source record: 263158

Okay, thanks for the replies about my funny-acting pro-2006. So, as a check I plugged in the frequency(s) which were exactly TWICE the correct frequency(s) into my other scanner - lo and behold I DID NOT here the signals on the other scanner, confirming that something is awry with my pro-2006.

Now I need some help from the geniuses in this group. I'm familiar with the guts of the pro-2006, as I've done several mods (probably that is how the problem started), and I have the service manual with the schematics. I have a DVM, too.

I await for any and all suggestions people may have for what I might check to resolve this problem. Thanks
--
Jeffrey
{New York}

341. Re: PRO-2006 Cellular???

Newsgroup: rec.radio.scanner
Date: 1995-01-09 05:02:45 UTC
From: Donn Mumma <ddm@onramp.net>
Message-ID: <3eqg1l$1m5@news.onramp.net>
Source record: 263160

adamatt@aol.com (AdaMatt) wrote:
>
> I don't have the PRO-2006, but I have a question about it. Does it have
> cellular capability?

The 2006 (which isn't made any more) doesn't receive the cellular
bands as sold, but can be modified to in a few minutes by removing the cover
clipping a diode.

342. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-09 05:36:05 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D24I85.8nI@nctams1.uucp>
Source record: 263161

I figure with that information, I would have just played her for all she
was worth. If she ever asked why, tell her what I had heard.

But, that's me... :)

```
*****************************************************************************
*Unless otherwise stated, expressed view are my own. They may not be the *
*opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.*
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
*****************************************************************************
```

343. Toronto 800 MHz Band

Newsgroup: rec.radio.scanner
Date: 1995-01-09 06:39:44 UTC
From: bl058@FreeNet.Carleton.CA
Message-ID: <D24L69.6zu@freenet.carleton.ca>
Source record: 263162

This may seem a bit elementary to some in this area, but it seems like a good place to post these questions.

A friend :) recently modified his Radio Shack Pro-46 scanner to open the cellular band, with 30 KHz stepping from 824-896. He discovered a couple of things. First, the cellular band in Southern Ontario doesn't seem to end at 896. Cell calls can still be heard up into the 900's. This differs from the info seen in recent listings. We also can't seem to nail down any specific range for the cellular 'base' frequencies, which give both sides of the conversation, instead of just the caller's which is transmitted from the mobile. Can anyone here give some insight as to how the cellular band is set up in Southern Ontario these days?

Also, there seem to be Toronto cops broadcasting within the cellular band, but they don't seem to be right on the 30 KHz steps defined for the cell phones. Now I had heard Metro's finest would be using a trunked system in the 800 MHz band. I thought a trunked system meant that the transmissions would continually jump between frequencies, making it nearly impossible to follow the action. However, it was possible to follow one incident on the DVP at approximately 884.010, which didn't move off that frequency for as long as it was monitored, about 20 minutes. Can someone explain how the Metro police are set up now? Is there a frequency list available? Is it worth defeating the 30 KHz stepping from 824-896?

Also, is there a new version of Scantrix available that reflect these and any other recent changes, and if so, can it be found free somewhere?

Thanks!

--
Dan Stark
Internet: dstark@freenet.niagara.com
Fidonet: 1:247/128
St. Catharines, Ontario, Canada

344. Re: OptoScan 456 availability

Newsgroup: rec.radio.scanner
Date: 1995-01-09 08:07:28 UTC
From: jmmorrison@aol.com
Message-ID: <3eqqs0$p70@newsbf02.news.aol.com>
Source record: 263163

Marymac is a dealer for the Opto456's. They can be reached at
800-231-3680. Apparently not much has changed --- I bought mine from
Marymac because Grove was out. Also, Marymac's price was right around the
same as Grove's which was about $20 cheaper than Optoelectronics price.

John M Morrison, Detroit, MI

345. morse code

Newsgroup: rec.radio.scanner
Date: 1995-01-09 08:15:38 UTC
From: jvenable@delphi.com
Message-ID: <9501090318591.DLITE.jvenable@delphi.com>
Source record: 263164

I am looking for a copy of morse code. Could someone point me in right
direction please? Thanks in advance!
Jeff
jvenable@delphi.com

346. DTMF DECODER

Newsgroup: rec.radio.scanner
Date: 1995-01-09 08:30:46 UTC
From: orkin <orkin@delphi.com>
Message-ID: <ZK+Z5QO.orkin@delphi.com>
Source record: 263166

WhaT is a dTmf decoder and whaT does iT do and how does work?

347. OHIO: Dublin Police

Newsgroup: rec.radio.scanner
Date: 1995-01-09 11:51:21 UTC
From: sam@cmhcsys.com
Message-ID: <3er7vp$7sf@cmhcsys.cmhcsys.com>
Source record: 263171

Anyone here from Columbus who knows the Dublin Police freq?
Any other Dublin?

Thanks.

348. Anyone tried the PRO-2030 cell mod?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 13:03:38 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199501091303.HAA09660@mail.cs.utexas.edu>
Source record: 263173
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I downloaded the PRO-2030 cell mod from the net for a friend. When he performed the mod (cutting L201), the scanner lost power and did not work. When he soldered the connection to L201 back, the scanner worked just fine. Has anyone else had any problems like this? The scanner was manufactured in 1992 or 1993 (can't remember which), so it should be modifiable.

Thanks in advance.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |

349. BC 250XLT mods??

Newsgroup: rec.radio.scanner
Date: 1995-01-09 13:08:05 UTC
From: bbenson@st6000.sct.edu
Message-ID: <3ercfl$e5q@galileo.sct.edu>
Source record: 263172

I have just purchased a Bearcat 250XLT and am wondering if there are any mods out there for it? If so, could someone post them or e-mail them to me.

Brad

350. RE: Wanted: MA-NH freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-09 14:13:01 UTC
From: rdunn@sallie.wellesley.edu
Message-ID: <9JAN95.14130146@sallie.wellesley.edu>
Source record: 263174
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Which towns in MA are you looking for ?

351. DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1995-01-09 15:30:13 UTC
From: tlindsey@st6000.sct.edu
Message-ID: <3erkq5$ftb@galileo.sct.edu>
Source record: 263025

If you are interested in a DTMF decoder please read through Popular Communications. In the mag. you will find adds from people who have writen the software or developed the hardware for this. The software that I have seen reads .wav files for about $30. I have heard that Radio Shack sells a chip that will code/decode DTMF. If this is true I will be building my own. I will let yall know what I find.

Tyler Lindsey Southern College of Technology
Atlanta Georgia

352. AR8000 interface pin-outs

Newsgroup: rec.radio.scanner
Date: 1995-01-09 15:51:34 UTC
From: petef@xetron.com
Message-ID: <D25Apz.5pz@xetron.com>
Source record: 263026

The AR8000 interface (accessable via. the battery compartment) appears to be as follows:

GENERAL COMMENTS:
Reference Pin #1 as on the left as viewing the radio back with radio standing on table. The connector is a 7 pin flex-print female connector with 50 mil (0.050 inch) spacing. Standard (source unknown, AMP Inc.?) flex connector strip would work (I made a connector out of 10 mil PC board and cut the connector traces with a modified Xacto knife and soldered standard ribbon cable to this connector). The connections are on the bottom side of the connector (ie. the conductors should be on the bottom side). The +5 Volt reference appears to be the battery voltage (4 NiCads at 1.25V = 5V).

UGLY REPRESENTATION OF BACK OF
RADIO'S BATTERY/CONNECTOR:

```
* xxx xxx xxx xxx *
* xxx xxx xxx xxx *
* xxx xxx xxx xxx *
* --------------- *
* :1 2 3 4 5 6 7: *
* _______________ *
*****************************
```

Pin 1 Active Squelch Indicator, OUTPUT, Source Z=1k ohm
0V=signal +5V= no signal

Pin 2 Line Audio Ouput, OUTPUT, Source ?ohms (DC blocked with capacitor)
+/- ~1 Volt peak audio (active allways regarless of squelch)

Pin 3 Ground, this is grounded to radio and battery ground

Pin 4 Ground, same as pin 3

Pin 5 RS-232 Receive Data, INPUT, has 1k ohm in series (Zin untested)
Levels (inverted RS-232 polarity) 0V and +5V (CMOS like)
Adapter needs to be inverted and level shifted to standard RS-232

Pin 6 RS-232 Transmit Data, OUTPUT, 1k ohm in series
Levels (inverted RS-232 polarity) 0V and +5V (CMOS like)
Adapter needs to be inverted and level shifted to standard RS-232

Pin 7 Vbatt source, OUTPUT (input?), RF choke in series
WARNING this pin will do unknown damage to the AR8000 if grounded
Unknown purpose and current load capacity
Voltage is Vbatt (~+5 Volt for charged NiCads)

DISCLAIMER (you knew that I had to put this in)

Use this information with care. The interface may not be accident proof and ESD protected. The RFI (Radio Frequency Interference) potential for incomming and outgoing signals is unknown. Exposing the interface to unknown programming commands will have unknown and possibly damaging operational changes to your radio. Your actual mileage may vary.

I have not tried any strange things to these lines yet. Let me and other AR8000 experimentors know how any of your experiments turn out.

The internal jumper and header pins appear to be manufacturing test points and have not been investigated further (on the IF board).

Pete Folberth WA3ZUS (in Cinncinnati, Ohio) petef@xetron.com

Standard Disclaimer: The information presented has nothing to do with Xetron Corp.

353. Re: DTMF DECODER

Newsgroup: rec.radio.scanner
Date: 1995-01-09 15:54:13 UTC
From: tlindsey@st6000.sct.edu
Message-ID: <3erm75$ftb@galileo.sct.edu>
Source record: 263027

orkin (orkin@delphi.com) wrote:
: WhaT is a dTmf decoder and whaT does iT do and how does work?

DTMF (Dual Tone Multi-Frequency) This is what is used when you dial your
tone phone. It consist of two sinsoidal signals, one from a high group of four
frequencies and one froma low group of four frequencies.

Digit Code Tone 1 (Hz) Tone 2 (Hz)
1 697 1209
2 697 1336
3 697 1477
4 770 1209
5 770 1336
6 770 1477
7 852 1209
8 852 1336
9 852 1477
0 941 1336
* 941 1209
# 941 1477

Tyler Lindsey Southern College of Technology
Atlanta Ga

354. Re: PRO-39 Modification Request

Newsgroup: rec.radio.scanner
Date: 1995-01-09 16:34:09 UTC
From: ed_velez@smtp.svl.trw.com
Message-ID: <ed_velez-0901950834090001@macj708.svl.trw.com>
Source record: 263028

In article <1995Jan8.223412.1@altair.selu.edu>, pasc1961@altair.selu.edu wrote:

> I have a PRO-39 and would like to modify it to give me more freqs.
Also, can
>I modify it (easily) so that I can pick up 200-400mHz? Thanks in advance.
>
> Chris Gilbert
> pasc1961@altair.selu.edu
> CKGilbert@aol.com
Chris, Since you have AOL, you can FTP to FTP.UCSD.EDU and get the mod there.

--
Cellular fraud is a one million dollar a month crisis for the cellular carriers. Our goal is to make it $0.00 a month.....

355. Recommendation Please

Newsgroup: rec.radio.scanner
Date: 1995-01-09 17:10:21 UTC
From: mcc@aimhigh.Corp.Sun.COM
Message-ID: <3erqlt$a7n@jethro.Corp.Sun.COM>
Source record: 263029

Hello Everyone,

I need recommendation on what scanner to buy for under $200. Is it worth spending more money for the 200 or 400 channels? Are there any difference in terms of coverage between 100, 200, and 400 channels?

Any info is greatly appreciated.

Thanks
73
Med

356. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-09 17:16:15 UTC
From: lrk@netcom.com
Message-ID: <lrkD25En3.1E4@netcom.com>
Source record: 263030

In article <3eptg9$1okk@yuma.acns.colostate.edu>,
Linda Wenzel <mharsch@lamar.ColoState.EDU> wrote:
> I know that some states have passed laws that prohibit the use of
>scanners in an automobile. I have also heard from a couple of people that
>Amateur Radio Operators (HAMS) are exempt from all scanner laws including
>this law. Is this true? Is it a federal or state exemption? What other
>laws are HAMS exempt from?
>
Naturally, the exemption from a state law must be in that state law. The
exemptions are there mostly because the state laws may violate the
constitutional ban on states trying to regulate things clearly 'reserved
for the Federal Government'. Because hams are more likely to know this
and raise objections, they have succeeded in getting the exemptions.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@netcom.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

357. Sonoma County Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-09 17:19:50 UTC
From: looselip@crl.com
Message-ID: <3err7m$qh2@crl4.crl.com>
Source record: 263031

If anyone knows the law enforcement and emergency frequencies for Sonoma County could you please post them or e-mail them. Thanks.

358. Recommendation Please

Newsgroup: rec.radio.scanner
Date: 1995-01-09 17:20:54 UTC
From: mcc@aimhigh.Corp.Sun.COM
Message-ID: <3err9m$a7n@jethro.Corp.Sun.COM>
Source record: 263032

Sorry folks, I forgot to mention that I'm looking of a Hand Held Scanner.

Thanks
73
Med

359. PRO-39 Keypad Modes?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 17:37:52 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Jan9.113752.3347@driftwood.cray.com>
Source record: 263033

Does anyone know what (if any) keypad test modes are accessible
on the PRO-39 (similar to those on the PRO-51)?

Thanks.

360. Re: Columbus, OH SWAT F

Newsgroup: rec.radio.scanner
Date: 1995-01-09 19:06:00 UTC
From: Laura Quarantiello <Laura.Quarantiello@f1207.n202.z1.fidonet.org>
Message-ID: <789678360@f1207.n202.z1.ftn>
Source record: 263034

Hi, Tom:
Good to see you here. I'm mainly a lurker myself, enjoying the
messsages. Hope to talk with you further...

Take care,
Laura
National Scanning staff

* OLX 2.1 TD * I before E except when you have a spell-checker

361. AR8000 - How to Modify BandPlan?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 19:08:16 UTC
From: Glen Arceneaux <ddjgwa@arco.com>
Message-ID: <D25Jtu.Jz7@news.arco.com>
Source record: 263035

I am the proud new owner of an AR8000 and have been able to work my way through its operation reasonalby well - even to programming via a Mac (HyperCard)!

However, one thing that is still a mystery - the BandPlan defaults. Some of them appear to be incorrect. For example, in the 154 - 155 Mhz area, the mode is defaulted to AM!

Has anyone had successful experience with modifying the BandPlan? I realize that there is a potential to hose the AR8000, and I don't want to have to go through that learning experience!

Thanks in advance.

Glen Arceneaux
ddjgwa@arco.com

362. Marin County (CA) scanne

Newsgroup: rec.radio.scanner
Date: 1995-01-09 19:22:02 UTC
From: Laura Quarantiello <Laura.Quarantiello@f1207.n202.z1.fidonet.org>
Message-ID: <789679322@f1207.n202.z1.ftn>
Source record: 263036

```
DJS>---------------------------------------------------------------------------
DJS>Duncan Shaw |E-mail me for a list of Bay
DJS>donut@crl.com |Area radio & TV stations!
DJS>San Rafael, California |--------------------------
DJS>Editor, College of Marin Echo Times |Watch "My So Called Life"
DJS>News Intern, KFTY Channel 50 News |Thursdays, 8 pm on ABC

Hi, Duncan

I can sure use that list, if you'd be so kind...

Take care,
Laura

* OLX 2.1 TD * Don't ask me, I just work here
```

363. Re: MUZAK

Newsgroup: rec.radio.scanner
Date: 1995-01-09 19:42:25 UTC
From: jthurs@gcr.com
Message-ID: <3es3j1$44h@lute.gcr.com>
Source record: 263037

brian varine <varine@ece.orst.edu> writes:

>I saw a little dish that looks like an RCA DSS reciever, BUT, it said
>MUZAK on it. Now I don't want to pirate MUZAC or anything like that but I
>was wondering, is MUZAK broadcast over sattelite(what freq do they use
>too)??
I don't know if the actual Muzak company uses satellite, however I know
that Marshall's (the clothing store--I used to work for them) gets the
music for most of their stores over a satellite system. The satellite is
also used for all credit card authorizations as well as their e-mail and
reporting system. I thoguht it was rather funny that if the music went
off in the store (i.e.--ice or snow on the dish) the computers went
offline a few minutes later.
As for the frequency, I have no idea. All I know is that the main
satellite transceiver was made by Hughes Newtork Systems, and there was
another decoder for the music made by AEI (I think they are based in
Washington state). As for decoding it..good luck. I believe the entire
system was digital.
--Jason
==
| Jason Thurston | jthurs@gcr.com |
| Firefighter III/EMT-A |_____________________|
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==

364. FTP SITES?????

Newsgroup: rec.radio.scanner
Date: 1995-01-09 19:44:15 UTC
From: babyduck@escape.com
Message-ID: <3es3mg$ch9@beyond.escape.com>
Source record: 263038

[No readable article body recovered]

365. REPOST - PRO-43 - LOWER PRICE

Newsgroup: rec.radio.scanner
Date: 1995-01-09 20:54:52 UTC
From: ecurtis@oucsace.cs.ohiou.edu
Message-ID: <D25orH.Axt@boss.cs.ohiou.edu>
Source record: 263039
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Reposted with a lower price. (Original post was 1/7). Since I see that Pro-43's are not going for 250, the price is down to 210 + shipping (COD). Offers accepted....

ORIGINAL POST (with price change):

FORSALE

Pro-43 scanner. Don't know if its modifable (serial number wore off a long time ago). It was bought in December of 1992. Normal wear for a two year old machine (a few light scratches). Can e-mail more specs if you are not familar with the pro-43. Will include wall power supply and the 1995 Radio Shack Beyond Police Call scanner listings for all of the US of A. Wanted $210.

Reason for sale: want to buy a transmitting aviation frequency radio.

Eric

--
-----|----- | ecurtis@ohiou.edu | Communication Systems Management
*>=====[_]D | (614) 698-3742 | & Aviation Major. Full time
-'-`- | CFII | Student for SEVEN years!!!

366. Re: Recommendation Please

Newsgroup: rec.radio.scanner
Date: 1995-01-09 21:53:22 UTC
From: paul_haring@jhuapl.edu
Message-ID: <paul_haring.9.0010E42E@jhuapl.edu>
Source record: 263040

In article <3err9m$a7n@jethro.Corp.Sun.COM> mcc@aimhigh.Corp.Sun.COM (Medardo Cabebe) writes:
>From: mcc@aimhigh.Corp.Sun.COM (Medardo Cabebe)
>Subject: Recommendation Please
>Date: 9 Jan 1995 17:20:54 GMT

If you're going to spend more, do it to get triple-conversion, not more channels. More usually gets you more channels too of course, but triple-conversion is the "step-up" you want. Faster scanning speed is nice too (hyper-scan etc). -- Paul --

367. Seeking Freqs in North San Diego County

Newsgroup: rec.radio.scanner
Date: 1995-01-09 21:56:38 UTC
From: kford@crash.cts.com
Message-ID: <D25rMF.BG5@crash.cts.com>
Source record: 263041

Does anyone have a good set of freqs for police, fire and otyher
interesting listening for the Encinitas, Cardiff and Carlsbgad area?

368. ICOM R1

Newsgroup: rec.radio.scanner
Date: 1995-01-09 22:37:08 UTC
From: urban@vulcan.inlink.com
Message-ID: <3esdqk$qel@thor.inlink.com>
Source record: 263042

I recently called EEB to check on the price of the
ICOM R1. They sold out of the unblocked version already.
I was wondering if there was any modifications for the R1
or if there is a better scanner I should think about in this price
range.

Thanks in advance...

faRe

����

369. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-09 22:46:26 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3esec2$slt@nntp.crl.com>
Source record: 263043

> In a previous posting, Linda Wenzel (mharsch@lamar.ColoState.EDU) writes:
> > I know that some states have passed laws that prohibit the use of
> > scanners in an automobile. I have also heard from a couple of people that
> > Amateur Radio Operators (HAMS) are exempt from all scanner laws including
> > this law. Is this true? Is it a federal or state exemption? What other
> > laws are HAMS exempt from?
> >
> Scanners are a very cost effective way for a ham to monitor quite a few HAM
> bands with a Pro-2004/5/6 they can monitor 11 meter up to the 70 cm bands.
> Therefore a scanner could be a Ham rec'vr
>
I am a ham and I consider the AR8000 the ultimate hand held
ham receiver. Just switch antennas and a ham can monitor any band he can
work up to about 2 gigahertz.

It would make a neat addition to field day!

ki4je

370. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-09 23:07:53 UTC
From: dwatt@unixg.ubc.ca
Message-ID: <3esfk9$k89@nnrp.ucs.ubc.ca>
Source record: 263044

Southern Boy (CMOORE@wpo.csd.scarolina.edu) wrote:

: I guess we are only breaking into some of the ramifications of
: telecommunications in the hands of individuals. At what point are you
: "checking up" on someone? There have been incidents in the news recently of
: people stalking others via e-mail, can one be guilty of the same by listening
: to cordless or cellular calls? Where's the line? I'm angry at her, but at
: the same time I feel guilty for having listened to her private conversation
: without her knowledge. I actually apologized to her for that and the way I
: handled it.

Indeed, where is the line? I'm not going to give you my impression
of whether you did or did not do the right thing, that's for you to
eventually conclude. (Ok, damn it, you did the right thing.) But I
understand perfectly well the issue you raise.
In my instance, one of my neighbours is beating his two daughters
(young kids) and who knows what else, another is a cocain dealer, and
still another is suicidal. My heart goes out to some of these folks, and
sometimes it's outright painful to listen to their lives spiral into more
and more uglyness. Leave no doubt, it's taken time, but I can take just
about anything in stride now without asking myself the question of whether
I'm guilty by my inaction. But it's not always an easy call to make, (to
say the least on some occations). One thing I do savour with some certainty
is that it's ok to know (that is, to listen in), but what transpires there
after, in my experience, is about as vague as it gets.

Cheers, Dave

371. Re: DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1995-01-09 23:13:09 UTC
From: Winston <76666.1001@CompuServe.COM>
Message-ID: <3esfu5bts1@mhadf.production.compuserve.com>
Source record: 263045

Check out OAK.OAKLAND.EDU in pub/hamradio/pc/ham-utils.
Some guy in Florida just wrote a couple of DTMF decoders that
accept soundblaster-type card input, or will work with .WAV and
VOC files.

--
In the pursuit of excellence in everything said and done...

372. XTERM for Macs

Newsgroup: rec.radio.scanner
Date: 1995-01-09 23:32:10 UTC
From: spek@cse.ucsc.edu
Message-ID: <3esh1q$12e@darkstar.UCSC.EDU>
Source record: 263046

Does anybody around have any info on how I can get Xterm for Macs just
like on the PCs. I am used to using xterm on MsWindows, OS2 and linux.
I also need info on how to get ghostscript or any Postscript file
viewer for the Mac and maybe even a .dvi viewer. Any ideas???

jas

--
.signature?? Uh, um.....its in the mail!!

373. Map of the Radio Spectrum ?

Newsgroup: rec.radio.scanner
Date: 1995-01-09 23:35:58 UTC
From: sarangan@maxwell.uwaterloo.ca
Message-ID: <D25w7y.5DF@watserv2.uwaterloo.ca>
Source record: 263057
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am completely new to scanning. What I would like to know is how the
electro-magnetic spectrum is organized into different functions.
If anyone of you has a simple map of the radio frequency spectrum
could you please pass it on to me ?

Thanks
--
Andrew Sarangan
sarangan@maxwell.uwaterloo.ca

374. Lansing, MI area freqs wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-09 23:39:47 UTC
From: bubbaz@umcc.umcc.umich.edu
Message-ID: <3eshg3$erf@umcc.umcc.umich.edu>
Source record: 263050
Cross-posted to: rec.radio.scanner,alt.radio.scanner

If anyone has a list of frequencies for police/fire
radio frequencies for the Lansing, MI area, please send
them via email and/or post them here. Any info will be
much appreciated.

--
John Broderick bubbaz@umcc.umcc.umich.edu

375. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-09 23:46:45 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <3esht5$mh5@freenet3.scri.fsu.edu>
Source record: 263053
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

: CA Forestry (Fortuna) Out:151.250 In:159.405 PL:none
: CA Parks & Rec Out:855.7375 In:810:7375 PL:D115
: CA OES Out:153.755 In:154.980 PL:192.8
: Six Rivers National Forest Out:168.725 In:170.125 PL:none
: Commerce Dept (NOAA) Out:162.550 In:416.375 PL:none
: Dept of Interior (National Park) Out:166.375 In:166.975 PL:136.5
: Out:165.1625 In:164.425 PL:none
: Justice Dept (FBI) Out:167.4375 In:162.7375 PL:167.9
: FAA Out:172.925 In:169.325 PL:136.5
: Treasury Dept (Customs) Out:165.2375 In:166.4375 PL:100.0

: Do not kerchunk FBI or Treasury repeaters. It annoys the hell out of them
: and might interfere with an on-going children immolation assignment.

>>Maybe we should start a new thread "Kerchunking fer fun!" I really
>>got a tickle out of that last part......like you havent done it
>>RIIGHT... Quote of Bill Cosby<G>

376. 10 Codes

Newsgroup: rec.radio.scanner
Date: 1995-01-10 00:00:13 UTC
From: mharsch@lamar.ColoState.EDU
Message-ID: <3esimd$1291@yuma.ACNS.ColoState.EDU>
Source record: 263047

10-0 Caution 10-51 Wrecker needed
10-1 Unable copy-change location 10-52 Ambulance needed
10-2 Signal good 10-53 Road blocked at...
10-3 Stop transmitting 10-54 Livestock on highway
10-4 Acknowledgement (OK) 10-55 Intoxicated driver
10-5 Relay 10-56 Intoxicated pedestrian
10-6 Busy-stand by unless urgent 10-57 Hit and run (F,PI,PD)
10-7 Out of service 10-58 Direct traffic
10-8 In service 10-59 Convoy or escort
10-9 Repeat 10-60 Squad in vicinity
10-10 Fight in progress 10-61 Personnel in area
10-11 Dog case 10-62 Reply to message
10-12 Stand by (stop) 10-63 Prepare/make written copy
10-13 Weather-road report 10-64 Message for local delivery
10-14 Prowler report 10-65 Net message assignment
10-15 Civil disturbance 10-66 Message cancellation
10-16 Domestic problem 10-67 Clear for net message
10-17 Meet complainant 10-68 Dispatch information
10-18 Complete assignment quickly 10-69 Message received
10-19 Return to... 10-70 Fire alarm
10-20 Location 10-71 Advise nature of fire
10-21 Call...by telephone 10-72 Report progress of fire
10-22 Disregard 10-73 Smoke report
10-23 Arrivid at scene 10-74 Negative
10-24 Assignment completed 10-75 In contact with
10-25 Report in person (meet)... 10-76 Enroute
10-26 Detaining a subject, expedite 10-77 ETA (Estimated Time Arrival)
10-27 (Drivers) license information 10-78 Need assistance
10-28 Vehicle registration 10-79 Notify coroner
10-29 Check record for wanted 10-80 Chase in progress
10-30 Illegal use of radio 10-81 Breatherlizer report
10-31 Crime in progress 10-82 Reserve lodging
10-32 Man with gun 10-83 Wook school xing at...
10-33 EMERGENCY 10-84 If meeting...advise ETA
10-34 Riot 10-85 Delayed due to...
10-35 Major crime alert 10-86 Officer/operator on duty
10-36 Correct time 10-87 Pickup/distribute checks
10-37 (Invest gate) suspicious vehicle 10-88 Advise present telephone # of...
10-38 Stopping suspicious vehicle 10-89 Bomb threat
10-39 Urgent-use light, siren 10-90 Bank alarm at...
10-40 Silent run-no light, siren 10-91 Pick up prisoner/subject
10-41 Beginning tour of duty 10-92 Improperly parked vehicle
10-42 Ending tour of duty 10-93 Blockade
10-43 Information 10-94 Drag racing

10-44 Request permission to leave 10-95 Prisoner/subject in custody
patrol...for... 10-96 Mental subject
10-45 Animal carcass in...lane at... 10-97 Check (test) signal
10-46 Assist motorist 10-98 Prison/jail break
10-47 Emergency road repairs needed 10-99 Records indicate wanted or stolen
10-48 Traffic standard needs repairs 10-100 Traffic violation
10-49 Traffic light out at...
10-50 Accident (F,PI,FD)

I found these codes at http://dice.dac.neu.edu/Homepages/paul/al.html
I hope these are a help to those who need or would like them. Sorry about the
^M's.

73,
John Pape N0ZFT
mharsch@lamar.colostate.edu
jdpape@alpha.pr1.k12.co.us

377. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-10 00:02:39 UTC
From: bill@thd.tv.tek.com
Message-ID: <3esiqv$ah3@news.tv.tek.com>
Source record: 263048

In article <3epidk$i5j@newsbf02.news.aol.com>,
DctrHappy <dctrhappy@aol.com> wrote:
>:What I do sometimes is tune into the scanner freqs. that the news
>:people use and listen into the on-the-scene-reporters talking w/
>:their base station---one can learn the-rest-of-the-story tidbits
>:that way...things that they may not broadcast but know about.
>
>Does anyone have any actual first or second-hand accounts of this?

My area has a lot of the between 450 and 451 MHz. You can hear all kinds of good stuff there. These frequencies are a good source of info about any late breaking news story. Just remember that the EPCA says it's illegal to listen to them.

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

378. Re: Uniden BC2500XLT info wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-10 00:24:27 UTC
From: greggs@kla.com
Message-ID: <3esk3r$ej3@kla.com>
Source record: 263069
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

```
: Larry Dighera <root@conexch.uucp> wrote:
:
: > Does anyone have any information regarding the
: > Uniden BC 2500XLT scanner? Damark (+1 800 827-6767)
: > is offering them for $449.99 + $7.50 S/H. Is that
: > a reasonable price for this 400 channel continuous
: > band scanner? Does anyone have information about
: > cellular reception with this unit? Can it be modified?
: > Is there a newer/better model available now?

I'm new to scanning but my friend just purchased the BC 2500XLT for about
$450. The new ones go for about $350. The price difference is because his
was old enough that it could be modified, the new ones can't. Ask before you
buy.

Gregg
```

379. Re: Seattle fire freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-10 00:39:16 UTC
From: dskidmo@halcyon.com
Message-ID: <3eskvt$ni2@news.halcyon.com>
Source record: 263049

In article <3enrod$nps@news2.delphi.com>, KDAHLQUIST@news.delphi.com says...
>
>I sure hope it wasn't to the City of Seattle's Trunked radio system.

'Fraid so.

>I had
>a chance to observe it about 5 years ago when the Seattle Center people
>were trial users. The GE handhelds would hardly work. The Seattle
>Center would have been better served by installing a local repeater on
>the Space Needle for its own use.

Seems to be working a bit better now, but I have also heard of lots of
problems with trunked systems.

>I sure hope the death of the four firefighters didn't have anything to do
>with a 800Mhz system!

Apparently they have had problems with the trunked radios in the past, and
the issue was raised almost immediately by the local media as a possible
cause.

The fire dept claims they took care of the problems that had been previously
identified (not waterproof, emergency button too small were the ones discussed)
and that the radios had nothing to do with the deaths. There was some note
that they had some problems getting enough of the new radios to go around.

The FD does have an interest in not looking bad re the radios, but I believe
the decision to convert was actually made elsewhere and would think they
would have an even greater interest in the safety of their staff (if nothing
else, many losses would look even worse, particularly if they were the result
of a bad decision re radios).

The deaths (and the fire) are still under investigation. The firemen were
trapped when the floor collapsed under them. Why that happened is being
looked at closely, but it was a very old building that would not come close
to meeting current building/safety codes.

All of us in the Seattle area, and I am sure the country at large, are very
saddened by this loss of life. We join those who want to make sure that
all possible lessons are learned so that further deaths/injuries can be
prevented to the extent possible given the inherent risks that go with that
job. If it turns out to be a radio problem, then we need to either fix 'em
or replace 'em with a system that does work.

Don

--
__ __ _ __ | Just my opinion? You bet!
___/ /__ / /__ (_)__/ /_ _ ___ | dskidmo@halcyon.com
/ _ (_-</ '_// / _ / ' \/ _ \ | dskidmo@eskimo.com
_,_/___/_/_\/_/_,_/_/_/_/_/___/ | Bellevue, Washington USA

380. Re: BC 250XLT mods??

Newsgroup: rec.radio.scanner
Date: 1995-01-10 00:58:11 UTC
From: WIEDEMAN@ix.netcom.com
Message-ID: <3esm33$92h@ixnews3.ix.netcom.com>
Source record: 263051

In <3ercfl$e5q@galileo.sct.edu> bbenson@st6000.sct.edu (Brad L. Benson) writes:

>
>
>I have just purchased a Bearcat 250XLT and am wondering if there are any
>mods out there for it? If so, could someone post them or e-mail them to me.
>
>Brad
>
>

Brad:

If you are referring to the BC2500XLT, then you can get a "modification sheet" by sending $2 and a SASE to:

Grove Enterprises, Inc.
PO Box 98
Brasstown, NC. 28902
(800) 438-8155

Check the manufacturing date code on the back of the unit. Each of the four letters stands for a digit, with the for digit set meaning MMYY. All codes less than "ODID" (April 1994) are modifiable. (Remember that you are entirely responsible for the modification and misuse of the unit.)

Good Luck!

381. Re: What's this @ 119 Mhz?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 01:45:40 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D26284.DLz@zeno.fit.edu>
Source record: 263052

119 MHz would be aircraft...and its AM, not FM...that's probably why
it sounds wrong listening to it with a FM radio (if you're using a
scanner w/o AM receive..)

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

382. Pro-30 Mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 02:14:27 UTC
From: szinski@prairienet.org
Message-ID: <3esqi3$q2j@vixen.cso.uiuc.edu>
Source record: 263054

Does anyone know of any available mods for the Realistic PRO-30 scanner? (Yes, I know... this thing's old!) I've already looked at the www at dice.dac.neu.edu... nothing listed. Thanks!

--Steve

383. Is Rat Shack Pulling my...

Newsgroup: rec.radio.scanner
Date: 1995-01-10 02:35:37 UTC
From: mayor@pine.liii.com
Message-ID: <D264JE.n2E@liii.com>
Source record: 263055

Help - I currently own a Pro-46. I went to the Rat Shack looking to purchase another for a friend and they still
have some of the old style scanners besides the new 95 models left in the case.
When I asked the salesperson if they were the old ones that were still modifiable, I was told they had all been sent back to the factory for reconditioning and are no longer modifiable. Has anyone heard of them doing this or is it just the company line???

--
==========
Charles Engelberg mayor@liii.com
==========

384. Ar8000 Information Updated

Newsgroup: rec.radio.scanner
Date: 1995-01-10 02:44:35 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3essaj$6h9@nntp.crl.com>
Source record: 263056

New article added to ar8000 site. More will
be added tommorow.

Need suggestion as to how to organize ar8000 data files
so others can download an use in minutes. What is
most useful for all others in your opinion?

A user has figured out how to ftp files to for ar8000 site use.
Email me for instructions if you want to send some files for
others to access.

Ki4je

vhealey@crl.com

385. Comments on scanner antennas?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 03:25:25 UTC
From: jblas@news.holonet.net
Message-ID: <3esun5$lft@colossus.holonet.net>
Source record: 263058

I recently purchased a Radio Shack Pro-43 and wanted to get some feedback on antennas. What do people think of the "cellular look-alike" mobile antenna? Also how about the discone and All-band ground plane antennas? It seems to me the All-band would be better than the discone for most things. Any comments and suggestions would be appreciated.

thanks,

Joe

jblas@holonet.net

386. What are keypad test modes??

Newsgroup: rec.radio.scanner
Date: 1995-01-10 03:36:16 UTC
From: adamatt@aol.com
Message-ID: <3esvbg$2sm@newsbf02.news.aol.com>
Source record: 263059

```
Someone left a message regarding how to get keypad test modes for the
PRO-39. What are keypad test modes?
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

387. ??????????????????????BC 8500XLT mods?????????????????

Newsgroup: rec.radio.scanner
Date: 1995-01-10 03:41:19 UTC
From: adamatt@aol.com
Message-ID: <3esvkv$2tv@newsbf02.news.aol.com>
Source record: 263060

Does anyone know where I can get mods for a Bearcat 8500XLT scanner? I'm looking along the lines of cellular capabilities. Any other worthwhile mods or suggestions would be appreciated. Thanx!

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

388. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-10 03:50:50 UTC
From: dbyrd@volsport.win.net
Message-ID: <39@volsport.win.net>
Source record: 263061

In article <3eptg9$1okk@yuma.ACNS.ColoState.EDU>, Linda Wenzel
(mharsch@lamar.ColoState.EDU) writes:

> I know that some states have passed laws that prohibit the use of
>scanners in an automobile. I have also heard from a couple of people that
>Amateur Radio Operators (HAMS) are exempt from all scanner laws including
>this law. Is this true? Is it a federal or state exemption? What other
>laws are HAMS exempt from?
>
>
> Thanx for your help,
> John Pape N0ZFT

Some state and municipalities have explicitly exempted hams from
their statutues or ordinances governing the use of mobile equipment
capable of receiving public service freqs. Some have done so after
lobbying from local hams and/or the ARRL. The argument for
exempting hams is most often based on federal preemption, ie., the
notion that federal regs. regulating ham radio have priority over
state and local laws in the same arena, because of the supremacy
clause of the U.S. Constitution.

As far as other "exemptions", because of federal preemption state
and local governments may not legally enforce antenna restrictions
that do not reasonably accomodate a ham's need for an effective
antenna system. (This does not apply to restrictive covenants in
deeds, since these are in essence private contracts). Likewise,
state and local efforts to regulate TVI are preempted by federal
law. Howvever, state and local governments, like individuals, often
ignore the law , and many hams have been forced into expensive
court battles to enforce their rights.

Otherwise, off the top of my head, I can't think of any other
areas where hams have enjoyed any special protection from state and
local laws.

73
Dwayne Byrd
ARRL Volunteer Counsel
(Memphis area)

389. Re: One more thing to think about with cordless and cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-10 03:55:39 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3et0fr$qt5@globalnews.globalvision.net>
Source record: 263062

Jackie Griffith <jkiegriffith@delphi.com> wrote:
>
> Bret A Pennington <bap@storm.atms.purdue.edu> writes:
>
> >I wonder how many passwords of all kinds go out
> >over scannable airwaves every day.
>
> Not to mention credit card numbers....as I was scanning the other night
> a neighbor a few blocks away gave not only that info but her airflight
> number/time, her address, phone #, etc.... if I were a shady person
> this would NOT be stuff she would want me to hear <G>.
> Jackie

Not to mention the Bell system (and other) voice mail pw's,pager #'s,
and other assorted details of their lives!

390. Re: Is Rat Shack Pulling my...

Newsgroup: rec.radio.scanner
Date: 1995-01-10 04:09:35 UTC
From: mlazaroff@delphi.com
Message-ID: <xwx4BWH.mlazaroff@delphi.com>
Source record: 263063

Charles Engelberg <mayor@pine.liii.com> writes:

>When I asked the salesperson if they were the old ones that were still
>modifiable, I was told they had all been sent back to the factory for
>reconditioning and are no longer modifiable. Has anyone heard of them
>doing this or is it just the company line???

I work for RS, and usually avoid commenting on the various subjects
related to RS since a lot of folks seem to enjoy bashing RS (whether
justified or not is a subject for another post). Anyway, here's what
happened:

After the April 1994 deadline for importing "modifiable" scanners passed,
several circuitry changes were made in some of the handheld scanners
(PRO-46 and PRO-51 are the ones that come to mind right off). Monitoring
Times (and I think some others) discovered and published new mods which
allowed additional 800 MHz access on these scanners. When Tandy headquarters
found out, they panicked and feared the wrath of the Feds for selling
scanners that might not be in full compliance with the ECPA. Rather than
risk a court fight, Tandy instructed ALL Radio Shack stores to immediately
pull these scanners from the shelves and ship them all back to Fort Worth.
We were not permitted to sell any of these models until they were
redesigned (again!) to prevent 800 MHz mods. I see that the January
issue of MT has yet another mod for the PRO-51, so looks like the redesign
effort was not entirely successful - if anyone wants a 51, they better
get it now before Tandy ends up recalling them again :).
To the best of my knowledge, the new RS scanners are not "easily
modifiable" - but sooner or later I'm sure somebody will figure out how
to reprogram/replace the chips. Guess it depends on how you define
"easily" and how much trouble you really want to go through.

Happy listening to all!

Mike, KB3RG

391. Re: PRO-39 Modification Request

Newsgroup: rec.radio.scanner
Date: 1995-01-10 04:46:15 UTC
From: dbyrd@volsport.win.net
Message-ID: <41@volsport.win.net>
Source record: 263064

In article <1995Jan8.223412.1@altair.selu.edu>, pasc1961@altair.selu.edu (pasc1961@altair.selu.edu) writes:

> I have a PRO-39 and would like to modify it to give me more freqs. Also, can
>I modify it (easily) so that I can pick up 200-400mHz? Thanks in advance.
>
> Chris Gilbert

Well, tried to post this once before, but I think it bounced. Here goes again. This mod. is the only freq. mod. I know of for the PRO 39, but I haven't tried it. Use at your own risk.

Cellular mod for the RS Pro-39...

Keep in mind that if you decide to make this mod, all responsibility for any damage to the unit remains with you... If you make the mod within approx. one hour, you won't lose the frequencies already in memory.

You will need narrow solder wick, a small soldering iron, a small phillips screwdriver, a _very_ small phillips screwdriver, some needlenose pliers, solder.

1) Remove the battery lid and the battery pack.

2) remove the 4 phillips screws from the back of the Pro-39, and lift off the cover, which separates near the front of the unit.

3) There are two wiring harness connectors attached to the top PC board. Remove these carefully with the aid of the needle nose pliers, and keep in mind how the wires lead down to the bottom board (so you can route them in the same way on completion). Remove the 6 chrome phillips screws holding the top circuit board in place.

4) Unsolder the ground wire from the bottom right corner of the top board.

5) Unsolder the two wire connections from the BNC antenna conector at the board. There should now be just one connector holding the top two boards together. Lift the top board straight up to avoid bending the pins on this connector. Set the top board aside.

6) Remove the two chrome screws from the bottom corners of the next circuit board. One may be difficult to remove without the very small phillips screwdriver. Unsolder the ground wire from the corner of the middle board. There is a two wire connector

on the bottom board- disconnect this, and carefully remove the middle board.

7) Unsolder the four corners of the rectangular metal shield, and, noting its orientation for later replacement, remove it from the bottom board. Look for diode D-6, and carefully unsolder and remove it.

8) Put the Pro-39 back together again by reversing the above instructions. Take care not to pinch any wires against the case, and don't overtighten the phillips screws. Test the unit for cellular capability by setting it to scan between 869-894mhz.

392. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-10 05:11:50 UTC
From: steven@sgb.oau.org
Message-ID: <D26Brs.DyD@sgb.oau.org>
Source record: 263065

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: The US Pro2035 has a totally different CPU than the UK, uncensored one. If
: you're looking for cellular in the US one, forget it.

Jeff,

Perhaps you could give us the different part numbers for them -- so that
we would know which part to order from UK Tandy Parts to upgrade the scanner.

Someone I spoke to recently suggested doing the following:

Order Pro-2035 from Javiation in the UK, which comes with cellular.
Order Pro-2035 US power transformer from National Parts in TX.

Swap the transformers and there you have a full US-operational Pro-2035
with full cellular. Do you think this would work?

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

393. PRO 2030 mods??

Newsgroup: rec.radio.scanner
Date: 1995-01-10 05:13:39 UTC
From: parickj4560@cobra.uni.edu
Message-ID: <1995Jan9.231339.37115@cobra.uni.edu>
Source record: 263066

Is there any mods for the PRO 2030?

Thanks

JP

394. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-10 05:15:16 UTC
From: steven@sgb.oau.org
Message-ID: <D26BxI.E37@sgb.oau.org>
Source record: 263067

Bruce Robertson (robertso@bev.net) wrote:
: In article <3ep5oq$gfl@newsbf02.news.aol.com>, robertson9@aol.com (Robertson9) says:
: >
: >Does anyone know of any mods for the PRO-2035?

: January 1995 MONITORING TIMES. Bill Cheek (Scanner Modification Handbooks fame)

: Most Mods for the Pro-2004,5,6 should work on the 2035. (except celluar restoration)

The only mod I can see needed is the address, phone number for the UK Tandy
Parts depot and the CPU part number and price. Perhaps a little write-up
describing how to open and close it, and how to find the chip and change it.

Anyone seen one of each and compared notes?

[Don't forget, CPU chips are NOT a regulated item by the FCC, therefore, you
could import a large quantity from Tandy UK Parts for the express purpose of
marketing and retail sales in the US!]

Steven
--
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steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

395. Re: AR-8000 Optional Code Unit?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 05:18:18 UTC
From: steven@sgb.oau.org
Message-ID: <D26C2K.E4t@sgb.oau.org>
Source record: 263068

Ki4je (vhealey@crl.com) wrote:
: > Hi,
: >
: > The CU-8232 interface manual for the AR-8000 lists a command "SI." This
: > command is described as follows:
: >
: > "Set code for option ON / OFF. The SI command is used to review and
: > select
: > the optional code unit On / Off if the option is fitted to the AR8000."
: >
: > Ok, so who knows about this "code unit?"
: >
: > 73, Paul WA1OMM
: >
: > Compuserve: 70411,626
: > Satellite: UO-22 KO-23 KO-25
: > Packet: WA1OMM@KB4N.NH

: Jonathan but he isn't telling. Said Aor England very quite about this.
: Maybe someone else where in the world knows?

Maybe its like 042694 maybe? :-) Look closely at that number, it's got
meanings... either it or a close cousin might work the same wonders a
certain Bearcat unit (mobile with alpha) could do.

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
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| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

396. Anyone got a good homebrew discone design?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 06:56:46 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.789721006.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 263070

Anyone got a good homebrew discone design?
Or even a pointer...

My HAM Radio and Scanner Companion CD is woefully
lacking in this area. :-(

gjacek@cyberstore.ca

This Email/News response cheerfully brought to you by...
Gary Jacek
gjacek@cyberstore.ca
gjacek@freenet.vancouver.bc.ca

397. scanning in kansas city area

Newsgroup: rec.radio.scanner
Date: 1995-01-10 07:29:01 UTC
From: Steve Lowrey <stevelowrey@delphi.com>
Message-ID: <58wYxUF.stevelowrey@delphi.com>
Source record: 263071

Looking for any info or individuals to discuss scanning in the KCMO or Kansas City, Kansas area

398. Re: MUZAK

Newsgroup: rec.radio.scanner
Date: 1995-01-10 07:41:55 UTC
From: kamakiz@larry.wyvern.com
Message-ID: <kamakiz.789723715@larry>
Source record: 263072

bad weather knocked it off, but thats about it.

--
Kamakize --Creator Of MusicZine--
For Info: E-mail Kamakiz@infi.net or Kamakize@delphi.com
or Us Mail Po Box 38 Troutville Va 24175 -

399. Re: Sportcat

Newsgroup: rec.radio.scanner
Date: 1995-01-10 07:44:05 UTC
From: kamakiz@larry.wyvern.com
Message-ID: <kamakiz.789723845@larry>
Source record: 263073

Jeff Goldman <76703.4224@CompuServe.COM> writes:

>It's a hardware mod.
What kind of Hardware mod does it say?

do you have to buy a new chip?

also can you make it get to about 959 type or 999.9975 at least?
or down to the 27.000 and the 60's 70's and 80's
and say the 200-300's?
please let me know
--
Kamakize --Creator Of MusicZine--
For Info: E-mail Kamakiz@infi.net or Kamakize@delphi.com
or Us Mail Po Box 38 Troutville Va 24175 -

400. Re: Scan the 800mhz band with any scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-10 07:47:47 UTC
From: kamakiz@larry.wyvern.com
Message-ID: <kamakiz.789724067@larry>
Source record: 263074

Can you give me the # of the bbs or check to see if its got a mod for the
Bearcat Sportcat 150 (sc150)
thanks

--
Kamakize --Creator Of MusicZine--
For Info: E-mail Kamakiz@infi.net or Kamakize@delphi.com
or Us Mail Po Box 38 Troutville Va 24175 -

401. Bearcat schematics?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 08:10:11 UTC
From: kz2l@delphi.com
Message-ID: <9501100307591.The_Win-D.kz2l@delphi.com>
Source record: 263075

I'm looking for a source for Bearcat schematics/service manuals. I'm especially interested in technical documentation for BC-55XLT and BC-350. Any ideas will be appreciated.

Thanks,

Ken Coyne
KZ2L

402. Re: Boy loses Girl on Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-10 08:52:04 UTC
From: micron@dockmaster.mil
Message-ID: <micron.261.0002DE3F@dockmaster.mil>
Source record: 263076

In article <3ehjm6$lfo@umd5.umd.edu> achern@io.avl.umd.edu (Alex Chernyakov) writes:
>From: achern@io.avl.umd.edu (Alex Chernyakov)
>Subject: Re: Boy loses Girl on Scanner
>Date: 5 Jan 1995 20:09:42 GMT

>Joseph Testa (jtesta@freenet.columbus.oh.us) wrote:

>: No reason to sweat, if i remember right the phone company MUST
>: give you a way to block caller id on outgoing calls. My phone company
>: GTE says using either (*70 or something like that for each call individually)
>: or pay a flat rate for call block without having to prefix every call with
>: the block code.

>Unfortunately many phone companies allow CLID users to specify that
>any blocked calls get an operator msg saying that blocked calls won't
>be accepted at that residence (or business).

>-Alex.

You can go through a long distance service, then the end user will get
OUT OF AREA on the display, it may cost more, but it can be worth it (dial
10288 + rest of stuff, opens AT&T trunk.)

----
the micron - ECNE
"there ain't no straight lines in 3 dimensional space"
my opinions are my own 2DEF4U2NV

403. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-10 10:12:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.806.352.0ND9E8F9@exnavy.esnet.com>
Source record: 263077

DH>Organization: CONVEX Computer Corporation, Richardson, TX USA

DH>In <3efhuo$7ahu@usenetp1.news.prodigy.com> HDTJ44A@prodigy.com (Rodney Moore)
DH>writes:

DH>>Usually you can hear anything within 1-1/2 miles, of your scanner
DH>>depending on the type of antenna. These are fun at first, but often get
DH>>boring -- try the
DH>>baby monitors ~39Mhz these are fun.
DH> ^^^^^^

DH>This should be 49 MHz. I don't see what's so fun about these though.
DH>Of course, once, one of my neighbors put one in their master bedroom
DH>right after their baby was born since the child stayed in their room
DH>for awhile. They left the monitor on all the time. You can imagine
DH>what that was like after the wife got to feeling frisky again! :-)

Well, there ya go.
---- TV with Windows (ugh!)

404. cellular unlock for AR-8000

Newsgroup: rec.radio.scanner
Date: 1995-01-10 10:29:15 UTC
From: tharn@beringa
Message-ID: <3etnhr$jll@data.interserv.net>
Source record: 263078

Hi...does anyone know how to unlock the 800 Mhz on the AR-8000?

Not that I would do anything to break the ridiculous existing law forbidding the freedom to own a radio.....but is it possible and how is it done?

thanks

THARN@TRIBNET.COM

405. Re: Toronto 800 MHz Band

Newsgroup: rec.radio.scanner
Date: 1995-01-10 11:10:18 UTC
From: shearman@r-node.io.org
Message-ID: <3etpur$o9m@ionews.io.org>
Source record: 263079

Dan Stark (bl058@FreeNet.Carleton.CA) wrote:
: This may seem a bit elementary to some in this area, but it seems like a
: good place to post these questions.

: A friend :) recently modified his Radio Shack Pro-46 scanner to open the
: cellular band, with 30 KHz stepping from 824-896. He discovered a couple
: of things. First, the cellular band in Southern Ontario doesn't seem to
: end at 896. Cell calls can still be heard up into the 900's. This
: differs from the info seen in recent listings. We also can't seem to nail
: down any specific range for the cellular 'base' frequencies, which give
: both sides of the conversation, instead of just the caller's which is
: transmitted from the mobile. Can anyone here give some insight as to how
: the cellular band is set up in Southern Ontario these days?

The cellular frequecies for Cantel and Bell are as follows:

Cantel mobile 824.0400-834.9900
Bell mobile 835.0200-844.9800
Cantel cell 869.0400-879.9900
Bell cell 880.0200-889.9800
Cantel mobile 845.0100-846.4800
Bell mobile 846.5100-848.9700
Cantel cell 890.0100-891.4800
Bell cell 891.5100-893.9700

There ia agood explanatory article in the Haruteq Scanner Directory
(10th edition) that explains all.

: Also, there seem to be Toronto cops broadcasting within the cellular band,
: but they don't seem to be right on the 30 KHz steps defined for the cell
: phones. Now I had heard Metro's finest would be using a trunked system in
: the 800 MHz band. I thought a trunked system meant that the transmissions
: would continually jump between frequencies, making it nearly impossible to
: follow the action. However, it was possible to follow one incident on the
: DVP at approximately 884.010, which didn't move off that frequency for as
: long as it was monitored, about 20 minutes. Can someone explain how the
: Metro police are set up now? Is there a frequency list available? Is it
: worth defeating the 30 KHz stepping from 824-896?

Metro is on the 800 mhz band, though the frequency you show isn't it.
The ODXA Listening Post BBS has discussed this at lengeth, as well as
echoed the FidoNet discussion. Call the ODXA BBS at 905-841-6490.

: Also, is there a new version of Scantrix available that reflect these and
: any other recent changes, and if so, can it be found free somewhere?

Check out the files library at The Listening Post. It's there, as well
as a whole bunch of other stuff of interest.

--
(Rev.) David Shearman,
Blackstock, Ontario, Canada

406. Pro-43 Modified FS

Newsgroup: rec.radio.scanner
Date: 1995-01-10 11:34:38 UTC
From: steve@nebulus.net
Message-ID: <3etrce$740@nntp.ucs.ubc.ca>
Source record: 263080

```
Modified pro-43 for sale
280 takes it.
will ship
email replies
```

407. Re: : PSYCHIC CB RADIO PSICAST CAUSES APPARITION :

Newsgroup: rec.radio.scanner
Date: 1995-01-10 12:07:12 UTC
From: hufos@freenet2.scri.fsu.edu
Message-ID: <3ett9g$hp4@freenet3.scri.fsu.edu>
Source record: 263089
Cross-posted to: rec.radio.shortwave,rec.radio.cb,rec.radio.scanner,rec.radio.noncomm,alt.radio.pirate

{{onnie.

Hello. This is Ronnie Dobbs of the Hastings UFO Society channeling to you by way of Madame Thelma on thePsychic CB Channel number 22, lower sideband, from an undisclosed location.

This is our Psychic CB Report.

First off, we would like to give our thanks to the gentleman who did that fine article about seeing the face of that Hippie from Venice in the Apparitional Home Page.

Madame Thelma says that she "feels" that his name might be Vince, or something.

As soon as we read that, the Society Think Tank held a Big Discussion about this and it was decided that they should have another viewing.

After thirty two minutes and forty five seconds of gazing, as timed on Communications Director Luther Atkinses Casio Digital Wristwatch which he got for Christmas, Think Tank Auxilary Reserve Member Harlan U. Blount said that that he could maybe see what might be the Face of Jesus, or somebody, and that they had "Scary Glowing Eyes".

Society Think Tank Spokesman Cecil Simms, always the skeptic, argued as to how could that be so because if those were glowing eyes then "what's that other glowing thing there".

Harlan allowed as to how it was probably one of Jesuses Nostrils with Light coming out of it.

Cecil then wanted to know as to how if that was so, then where was the other Nostril, to which Harlan responded that It was probably plugged up because of a sinus condition, or something.

Cecil disagreed and said that it was plain to him that it was the Holy Trinity, or something.

Harlan then challenged Cecil on the grounds that if he was so "durned" sure that it was the Holy Trinity, then would he be so kind as to point out just Which One is Which.

Much animated discussion followed, and Think Tank Chairperson Thyra Watson came into the room and announced that one of her Christmas Puppies from Daisy the Walker Hound, and her other dog Elvis (for more information about Elvis, please see the preceding article) had developed a "pigmentation pattern" on her nose just like in the

Apparitional Home Page, and added that this could "possibly be a Sign", or maybe even a "Miracle".

At that point, the Hastings UFO Society received an e-mail from Mr. S.P. Harvey in Chicago who said that he had made a pilgrimage to the Apparitional Home Page, and that he had not seen the Face of Jesus, but that he did think that he saw what looked to him like a man wearing eyeglasses, and that he thought it might be Bob Lazar.

At this point, the Hastings UFO Society has no answers, but our investigation continues.

We have also received reports that our Psicast Announcement has appeared TWICE on some newsgroups. Although we didn't send our message twice, we apologize for any inconvenience caused by that.

Luther says that skip might have been real good or something, and mumbled something about an e-layer, and then said that it was probably due to long, and short path propagation.

In addition, we have received reports that some people are having STRANGE EXPERIENCES when they try to retrieve some of our sound files off the Apparitional Home Page. We are told that it happens most often to people who are trying to do an anonymous ftp, and maybe takes the form of getting a wav file when you ask for an au file or something, but most folks who use Mosiac seem to be protected from this PHENOMENON as are people who do "plain vanilla" ftp, whatever that is.

We know that SCIENTIFIC EXPERTS are studying this as we channel this ASCIIcast, and hopefully will have an answer real soon as we don't know if this means that it does something better than normal or is something that needs to be fixed.

We will post an update as soon as we find out more information.
Zv
This concludes our report.

Thank You.

Ronnie Dobbs
President
Hastings UFO Society

NO CARRIER

408. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-10 13:49:08 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3eu38k$12u@news1.digex.net>
Source record: 263081

In my instance, one of my neighbours is beating his two daughters
> (young kids) and who knows what else, another is a cocain dealer, and
> still another is suicidal. My heart goes out to some of these folks, and
> sometimes it's outright painful to listen to their lives spiral into more
> and more uglyness. Leave no doubt, it's taken time, but I can take just
> about anything in stride now without asking myself the question of whether
> I'm guilty by my inaction. But it's not always an easy call to make, (to
> say the least on some occations). One thing I do savour with some certainty
> is that it's ok to know (that is, to listen in), but what transpires there
> after, in my experience, is about as vague as it gets.
>
> ---
> Cheers, Dave

In this case anonymous interdiction would be best. The ends justify
the means, works for me...

409. Re: WORCESTER MA FREQ NEEDED

Newsgroup: rec.radio.scanner
Date: 1995-01-10 14:06:57 UTC
From: arsenaul@emc.com
Message-ID: <3eu4a1$59j@ns0.emc.com>
Source record: 263082

NOAA Weather radio for Worcester is on 162.550 MHz. However, the weather data is transmitted from Taunton, MA, now. The Worcester tower is still manned until this summer but weather reports are generated in Taunton and rebroadcasted throughout Southern New England.

If you need help with any other freqs. around Worcester, let me know...

Brian Arsenault - N1FIY
arsenaul@emc.com

410. Re: scanning in kansas city area

Newsgroup: rec.radio.scanner
Date: 1995-01-10 14:11:36 UTC
From: wbloss@delphi.com
Message-ID: <By3ZREQ.wbloss@delphi.com>
Source record: 263083

Steve Lowrey <stevelowrey@delphi.com> writes:

>Looking for any info or individuals to discuss scanning in the KCMO or
>Kansas City, Kansas area

Hi Steve
Sent you an e-mail, but it had an error message...there are some
avid scannists in KC. I'm in ST Joe and have a big new KC
list if you want it.

73,

Wally Bloss
WB0BAV
A Human

411. Re: Uniden BC2500XLT info wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-10 15:57:06 UTC
From: artb@boi.hp.com
Message-ID: <D275n7.FH2@boi.hp.com>
Source record: 263087
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

Ron MALE LA CA email laron@primenet.com (laron@primenet.com) wrote:
: A GOOD PRICE?
: you people are getting ripped off
: i have a catalog here listing it as $349 refular on sale for $319!
: so the company below is making aover a $100 profit off you more!
: shop before you buy! nothing is for free but u are being had
: Bob Parnass, AJ9S (parnass@nwsf.ih.att.com) wrote:
: : In article <D1xHwC.Jz@conexch.uucp>,
: : Larry Dighera <root@conexch.uucp> wrote:
: :

What catalog ?????

Art B.
email artb@hpbs1733.boi.hp.com

412. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-10 16:05:24 UTC
From: ad225@detroit.freenet.org
Message-ID: <3eub84$hl5@detroit.freenet.org>
Source record: 263084

It's that kind of activity, kerchuncking on federal and public
safety frequencies, that motivates those agencies to switch to
encryptic trunking systems that could eventually make the scanner
hobbiest an endangered species.

I know those pl tones are public record, but why post them here
and encourage illegal and dangerous activity?

Gary Baumgarten
Michigan Public Safety Network
Michigan's most pro-active public safety
notification paging network!
--
Gary Baumgarten
ad225@detroit.freenet.org

413. Best Scanner BBS Anywhere...

Newsgroup: rec.radio.scanner
Date: 1995-01-10 16:53:48 UTC
From: scanware@myhost.subdomain.domain
Message-ID: <3eue2s$1pp@news.halcyon.com>
Source record: 263085

Check it out!

The ScanWare BBS in Port Orchard, WA (near Seattle).

(360) 871-4591 (9600-28800 bps, 8N1)
(360) 871-4228 (1200+ bps, 8N1)

This bbs gives all callers immediate access to an extensive bunch of
files for down loading. Freq. lists and ham programs are a specialty.
Recommend you download FCC211.ZIP....the FCC Frequency Retrieval System!
This program cannot be beat!

73 de KG7XD

414. Map of the Radio Spectrum ?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 17:40:26 UTC
From: mpalinsk@industry.org
Message-ID: <014710JQJTMPQJHFKUDW@industry.org>
Source record: 263086

```
10-150 kHz.........Military/government, submarine communications
150-535............Longwave Band. Beacons, foreign broadcast, maritime
535-1700...........AM Broadcast Band (recently extended to 1700kHz)
1700kHz-30MHz......Shortwave/High Frequency Band. Broadcasting, two-way
government, military and commercial communications,
amateur radio
30-50..............Very High Frequency Band, Government, business,
walkie-talkies, and cordless phones
50-54..............Amateur radio 6 meter-band
54-72..............TV Channels 2-4
72-76..............Manufacturing, remote control, eavesdropping bugs
76-88..............TV Channels 5-6
88-108.............FM Broadcast Band
108-136............Aeronautical communications
136-138............Satellites
138-144............Military communications
144-148............Amateur radio 2-meter band
148-150.8..........Military use
150.8-174..........Business, highway, law enforcement, government,
weather, maritime
174-216............TV Channels 7-13
216-220............Maritime and aeronautical
220-222............Land mobile communications
222-225............Amateur radio
225-400............Military aviation and space
400-406............Military and government
406-420............U.S. Government
420-450............Amateur radio
450-470............Ultra High Frequency Band. Business, industry,
military, fire, government
470-512............TV Channels 14-20, shared with law enforcement
512-825............TV Channels 21-69
825-849............Cellular telephones
849-851............Aeronautical telephones
851-866............Business, public safety
866-869............Public safety, law enforcement
869-894............CELLULAR TELEPHONES!
894-896............Aeronautical telephones
896-901............Private land mobile units
901-928............Land mobile, amateur radio, personal communications
units, 900MHz cordless phones
928-932............Radio paging
932-940............Business radio
940-944............Government and non-government fixed services
```

944-952.....Broadcaster's studio-to-transmitter links
952-960.....Private fixed services, paging, MUZAK! <G>
960-1240.....Aeronautical navigation
1240-1300.....Amateur radio (highest freq most scanners can pick
up)
1300-1350.....Aeronautical navigation
1350-1400.....Radio location
1400-1427.....Radio astronomy
1427-1429.....Point-to-point, mobile, space. (someone explain
point-to-point for me please!) :)
1429-1660.5.....Various satellite transmission uses
1660.5-1668.4.....Radio astronomy
1668.4-1700.....Meteorological aids
1700-1850.....Meteorological satellites, U.S. government
1850-1990.....Fixed point-to-point, microwave (uh..microwave?!?!?!)
1990-2110.....Broadcast studio-to-transmitter links

From: RADIO! Spring 1994, page 53 (c) 1994 Radio Shack

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

415. dallas hot freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-10 17:47:20 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D27Aqx.Kuv@boi.hp.com>
Source record: 263088

i just got the type of phone call that all radio hobbiests live for: my nephew spent his christmas money on a new scanner! he lives in irving, which is between dallas and fort worth texas. i told him i could get him some good frequencies, so i am depending on this group! please e-mail me your list if you have one. he got a pro 46 with no manual, so i am trying to get him a manual. also, i think this radio can be modified, and i am interested in any people in the irving area who could do this for him.

--

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MDT = GMT - 6) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

haiti, rwanda, cuba, bosnia, ... we have a list,
where is our schindler?

416. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-10 18:38:23 UTC
From: achern@io.avl.umd.edu
Message-ID: <3euk6v$spo@mojo.eng.umd.edu>
Source record: 263090

Steven Bradley (steven@sgb.oau.org) wrote:
: Someone I spoke to recently suggested doing the following:
: Order Pro-2035 from Javiation in the UK, which comes with cellular.
: Order Pro-2035 US power transformer from National Parts in TX.
: Swap the transformers and there you have a full US-operational Pro-2035
: with full cellular. Do you think this would work?

Wouldn't you then, in that case, be stuck with the UK BandPlan? Is this
re-mappable on the Pro-2035?

-Alex.

417. Re: Map of the Radio Spectrum ?

Newsgroup: rec.radio.scanner
Date: 1995-01-10 18:44:09 UTC
From: achern@io.avl.umd.edu
Message-ID: <3eukhp$spo@mojo.eng.umd.edu>
Source record: 263095
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
fcc.allocations FCCTBL.TXT
/pub/hamradio/docs/misc Hamnet Lib 2
oak.oakland.edu CompuServe
[mulligan@acm.org] [70035,140]

September 1994

FCC Frequency Allocations
--------------------------
A summary of the FCC Table of Frequency Allocations, based on
the Oct '93 Code of Federal Regulations - 47 CFR 2.106

30 - 50 MHz: FM @ 20 kHz steps
30.000 - 30.560 US Government
30.560 - 31.980 Business / Industry / Forestry
31.990 - 32.000 Public Safety
32.000 - 33.000 US Government
33.000 - 33.100 Public Safety
33.120 - 33.400 Business / Petroleum
33.420 - 34.000 Fire
34.000 - 35.000 US Government
35.020 - 36.000 Business / Paging
36.000 - 37.000 US Government
37.020 - 37.420 Police / Local Govt
37.460 - 37.860 Power, Water, Pipeline
37.900 - 38.000 Highway Maint / Special Emergency
38.000 - 39.000 US Government
39.020 - 40.000 Police / Local Govt
40.000 - 42.000 US Government
42.020 - 42.940 State Police
42.960 - 43.680 Business / Paging
43.700 - 44.600 Transportation - bus, truck
44.620 - 45.060 State Police / Forestry Conservation
45.080 - 45.860 Police / Local Govt / Highway Maint
45.900 - 46.040 Police / Emergency
46.060 - 46.500 Fire
46.520 - 46.580 Local Govt
46.610 - 46.970 Cordless Phones - base (20/40 kHz steps)
47.020 - 47.400 Highway Maint
47.440 - 47.680 Industry / Emergency
47.700 - 49.580 Industry
49.670 - 49.990 Cordless Phones - handset (irregular steps)
```

50 - 150 MHz
50.000 - 54.000 Amateur (6-meter)
54.000 - 72.000 Broadcast TV chs 2-4 (6 MHz steps - FMw)
72.000 - 76.000 (various)
76.000 - 88.000 Broadcast TV chs 5-6 (6 MHz steps - FMw)
88.000 - 108.000 FM Broadcast (200 kHz steps - FMw)
108.000 - 118.000 Aero - navigation
118.000 - 136.000 Aero - communications (25 kHz steps - AM)
136.000 - 138.000 Satellite
138.000 - 144.000 US Government
144.000 - 148.000 Amateur (2-meter)
148.000 - 150.800 US Government

150 - 162 MHz: FM @ 15 kHz steps
150.815 - 150.965 Auto Emergency
150.995 - 151.595 Highway / Forestry / Industry
151.625 - 151.955 Business (30 kHz steps)
152.030 - 152.240 Mobile phone (Base) / Page (30 kHz steps)
152.270 - 152.450 Taxi (Base)
152.510 - 152.840 Mobile phone (Base) / Page (30 kHz steps)
152.870 - 153.725 Industry
153.740 - 154.445 Fire / Govt (mobile)
154.452 - 154.482 Industry (telemetry) (7.5 kHz steps)
154.490 - 154.625 Industry
154.650 - 156.240 Police / Govt / Emrgncy / Hwy
156.025 - 157.425 Maritime (ship) (25 kHz steps)
157.470 - 157.515 Auto Emergency
157.530 - 157.710 Taxi (mobile) / Business
157.770 - 158.100 Mobile phone (mobile) / Page (30 kHz steps)
158.130 - 158.460 Industry
158.490 - 158.700 Mobile phone (mobile) / Page (30 kHz steps)
158.730 - 159.210 Police / Govt / Highway
159.225 - 159.465 Forestry Conservation
159.495 - 160.200 Transportation - bus, truck
160.215 - 161.610 Railroad
160.625 - 160.950 Maritime - Coast (25 kHz steps)
161.640 - 161.760 {Broadcast Pickups
161.500 - 162.025 {Maritime - Coast (25 kHz steps)

162 - 450 MHz
162.025 - 174.000 (various, mainly US Government)
174.000 - 216.000 Broadcast TV chs 7-13 (6 MHz steps - FMw)
216.000 - 218.000 Maritime - AMTS, coast (25 kHz steps)
218.000 - 219.000 IVDS - Interactive Video & Data
219.000 - 220.000 Maritime - AMTS, ship (25 kHz steps)
220.000 - 221.000 (Private land Mobile) - base (5 kHz steps)
221.000 - 222.000 (Private land Mobile) - mobile(" " ")
222.000 - 225.000 Amateur (1.25-meter)
225.000 - 400.000 US Government - Aero (AM)
400.000 - 406.000 US Govt - Meteorological / Space
406.000 - 420.000 US Government
420.000 - 450.000 Amateur (70cm) / military radar / radiolocation

450 - 460 MHz: FM @ 25 kHz steps (450-455 base, 455-460 mobile)
450.050 - 450.925 Auxiliary Broadcasting
451.025 - 452.025 Industry
452.050 - 452.500 Taxi / Industry / Transport
452.525 - 452.600 Automobile Emergency
452.625 - 452.950 Transportation - Trucks / Railroad
452.975 - 453.000 Relay Press
453.025 - 453.975 Local Govt / Public Safety
454.025 - 454.650 Mobile Telephone
454.675 - 454.975 Mobile Telephone Air (ground)
455.050 - 455.925 Auxiliary Broadcasting
456.025 - 457.025 Industry
457.050 - 457.500 Taxi / Industry / Transport
457.525 - 457.600 {Maritime - shipboard repeater (mobiles @ 467.xxx)
{Business - low power
457.625 - 457.950 Transportation - Trucks / Railroad
457.975 - 458.000 Relay Press
458.025 - 458.975 Public Safety / Local Govt
459.025 - 459.650 Mobile Telephone
459.675 - 459.975 Mobile Telephone Air (airborne)

460 - 470 MHz: FM @ 25 kHz steps (460-465 base, 465-470 mobile)
460.025 - 460.550 Police / Public Safety
460.575 - 460.625 Fire
460.650 - 460.875 Business - Airport use
460.900 - 461.000 Business - Central Alarms
461.025 - 462.175 Business
462.200 - 462.525 Manufacturers / Industry
462.550 - 462.725 GMRS (12.5 kHz steps)
462.750 - 462.925 Business (paging)
462.950 - 463.175 MED (Ambulance/Hospital)
463.200 - 465.000 Business
465.025 - 465.550 Police / Public Safety
465.575 - 465.625 Fire
465.650 - 465.875 Business - Airport use
465.900 - 466.000 Business - Central Alarms
466.025 - 467.175 Business
467.200 - 467.525 Manufacturers / Industry
467.550 - 467.725 GMRS (25 kHz steps)
467.750 - 467.925 {Business (2w, telemetry)
467.750 - 467.825 {Maritime - shipboard (rptr at 457.xxx)
467.950 - 468.175 MED (Ambulance/Hospital)
468.200 - 469.975 Business

470 - 806 MHz: 6 MHz per channel, wide FM audio
470.000 - 512.000 {Broadcast TV, chs 14-20
{Large Metro Public Safety (25 MHz steps - FM)
512.000 - 806.000 Broadcast TV, Chs 21-69

806 - 896 MHz: FM @ 25 kHz steps (mobile 806-851, base 851-896)
806.000 - 809.750 General - conventional
809.750 - 811.000 General - single channels

811.000 - 816.000 General - trunked
816.000 - 821.000 SMR - trunked
821.000 - 824.000 Public Safety - trunked (12.5 kHz steps)
824.040 - 834.360 Cellular Telephone (30 kHz steps)
834.390 - 835.620 Cellular Telephone (data) (30 kHz steps)
835.650 - 848.970 Cellular Telephone (30 kHz steps)
849.000 - 851.000 Aircraft Telephone (6 kHz steps - AM)
851.000 - 854.750 General - conventional
854.750 - 856.000 General - single channels
856.000 - 861.000 General - trunked
861.000 - 866.000 SMR - trunked
866.000 - 869.000 Public Safety - trunked (12.5 kHz steps)
869.040 - 879.360 Cellular Telephone (30 kHz steps)
879.390 - 880.620 Cellular Telephone (data) (30 kHz steps)
880.650 - 893.970 Cellular Telephone (30 kHz steps)
894.000 - 896.000 Aircraft Telephone (6 kHz steps - AM)

896 - 1300 MHz:
896.000 - 901.000 SMR/Business/Industry - mobile (12.5 kHz steps)
901.000 - 902.000 Personal Communications Services
902.000 - 928.000 Amateur (33cm) / various secondary
928.000 - 929.000 ()
929.000 - 930.000 paging
930.000 - 931.000 Personal Communications Services - base
931.000 - 935.000 ()
935.000 - 940.000 SMR/Business/Industry - base (12.5 kHz steps)
940.000 - 941.000 Personal Communications Services - base
941.000 - 960.000 ()
960.000 -1215.000 Aeronautical navigation
1215.000 -1240.000 US Govt - Radiolocation / Space
1240.000 -1300.000 Amateur (23cm)

418. Re: OHIO: Dublin Police

Newsgroup: rec.radio.scanner
Date: 1995-01-10 18:59:29 UTC
From: tomswisher@aol.com
Message-ID: <3euleh$2kv@newsbf02.news.aol.com>
Source record: 263091

Dublin uses the following freqs:

F1 - commercial TRS phone interconnect
F2 - 855.4875 repeater Main
F3 - 855.4875 simplex Talkaround
F4 - 855.7125 repeater Service Dept
F5 - 855.7125 simplex Talkaround
F6 - 855.9625 repeater PD secondary
F7 - 855.9625 simplex Talkaround

Have Fun!

****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

419. Re: Columbus, OH SWAT F

Newsgroup: rec.radio.scanner
Date: 1995-01-10 19:00:26 UTC
From: tomswisher@aol.com
Message-ID: <3eulga$2l2@newsbf02.news.aol.com>
Source record: 263092

Laura;

Howdy....I pretty much just lurk around here until I see something I can answer or respond to. Otherwise stay in the shadows.

Tom
****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

420. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-10 19:04:23 UTC
From: grady@netcom.com
Message-ID: <gradyD27EBB.M0K@netcom.com>
Source record: 263094
Cross-posted to: rec.radio.scanner,misc.survivalism,alt.2600,comp.org.eff.talk

Gary Baumgarten (ad225@detroit.freenet.org) wrote:

: It's that kind of activity, kerchuncking on federal and public
: safety frequencies, that motivates those agencies to switch to
: encryptic trunking systems that could eventually make the scanner
: hobbiest an endangered species.

: I know those pl tones are public record, but why post them here
: and encourage illegal and dangerous activity?

You are saying that not publishing the feds freqs would encourage them
to keep their tranmissions analog and in the clear? Wow.
And I thought it was because they were bureaucratic cretins.

Of course I would never encourage breaking the law.
I just want to get my own segment on NBC or CBS on the dangerous
ideas floating around here on the net.

Somebody ought to do something. Too much information flowing freely and
we might decide we don't need those washington wankers any more.
How revolting.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

421. preamps

Newsgroup: rec.radio.scanner
Date: 1995-01-10 20:18:33 UTC
From: achern@io.avl.umd.edu
Message-ID: <3euq2p$2dv@mojo.eng.umd.edu>
Source record: 263093

I listen to the local police in the 494 MHz area. In this county (montgomery) they use GE radios that have the A/B modes. When in B mode, they only transmit at low power (for close range car-to-car comumunications obviously). I usually end up hearing very broken parts of the transmissions, even if I temporarily kill the squelch. Would a preamp significantly help me pick up these transmissions? What are the disadvantages?

Oh, on a similar note: I've been looking at purchasing an AOR8000 and it seems to be flooded with features. Does it, by any chance, have any sort of build-in preamps (or equivalent) to help pick up weak signals? I guess this might defeat the purpose (PRE-amp), but maybe not.

Thanks for any help.

-Alex.

422. test

Newsgroup: rec.radio.scanner
Date: 1995-01-10 23:21:24 UTC
From: studebkr@gonix
Message-ID: <D27q7q.2oD@gonix.com>
Source record: 263096

[No readable article body recovered]

423. Re: Bearcat 2500

Newsgroup: rec.radio.scanner
Date: 1995-01-11 03:54:35 UTC
From: kjn@netcom.com
Message-ID: <kjnD282v0.DA2@netcom.com>
Source record: 263097

Michael Sawyer says:
" My father just got a Bearcat 2500 for Christmas, and noticed that the
" FAQ mentions that there have been problems. We were just wondering
" what the problems reported were with this unit?

One of the biggest is the poor battery life. 4-6 hrs at BEST...
Sensivity and selectivity are good, 400 channels are convenient,
programming is simple and straightforward.

I prefer to be able to select emission modes but use a different scanner
if I need a different mode than the Bearcat default.

Too bad they didn't provide for a "AA" battery case. The tradeoff in
available power would have been worth the extra size. Maybe they will
bring out a nickle-metal hydride to replace the Nicads.

-Ken Navarre-
--

424. Re: FAQ for AOR 1000xlt

Newsgroup: rec.radio.scanner
Date: 1995-01-11 03:59:28 UTC
From: kjn@netcom.com
Message-ID: <kjnD28335.Dvr@netcom.com>
Source record: 263098

Matthew Volkmer says:

" Is there an FAQ for AOR 1000xlt?

Haven't seen an AOR-1000 faq but there is a pretty good manual for the
unit that GREATLY exceeds the many limitations with the one provided by
the manufacturer! it's called:
Guide to the AR1000 at about $14.00 from
Design Equilibrium
P.O. Box 1245
Menlo Park, Ca., 94025

Scanners Unlimited in San Carlos, Ca. also carries it.

-Ken Navarre-
--

425. Washington DC/Virginia Frequency lists

Newsgroup: rec.radio.scanner
Date: 1995-01-11 04:02:26 UTC
From: murple@clark.net
Message-ID: <3evl8i$22u@explorer.clark.net>
Source record: 263107
Cross-posted to: alt.radio.scanner,rec.radio.scanner,clarknet.radio.scanner

Does anyone have a list of frequencies in the Washington DC/Northern Virginia area? Thanks...

426. Re: morse code

Newsgroup: rec.radio.scanner
Date: 1995-01-11 04:05:26 UTC
From: dbyrd@volsport.win.net
Message-ID: <43@volsport.win.net>
Source record: 263099

In article <9501090318591.DLITE.jvenable@delphi.com>, Jeff Venable (jvenable@delphi.com) writes:
>I am looking for a copy of morse code. Could someone point me in right
>direction please? Thanks in advance!
>Jeff
>jvenable@delphi.com
>

A . _
B _ . . .
C _ . _ .
D _ . .
E .
F . . _ .
G _ _ .
H . . . .
I . .
J . _ _ _
K _ . _
L . _ . .
M _ _
N _ .
O _ _ _
P . _ _ .
Q _ _ . _
R . _ .
S . . .
T _
U . . _
V . . . _
W . _ _
X _ . . _
Y _ . _ _
Z _ _ . .

0 _ _ _ _ _ 6 _ . . . .
1 . _ _ _ _ 7 _ _ . . .
2 . . _ _ _ 8 _ _ _ . .
3 . . . _ _ 9 _ _ _ _ .
4 . . . . _
5 . . . . .

/ _ . . _ .
. . _ . _ . _
? . . _ _ . .
, _ _ . . _ _

There are also various "pro signs" which consist of two letters run together with no space. Some of the more commonly used ones are SK (..._._) which means the transmitting station is shutting down; KN (_ . _ _ .) which means "over", and BT (_ . . . _) which means "break". Many operators use BT to fill time while they are thinking, kind of like a morse "uhhhh", and many use it in lieu of punctuation at the end of a sentance. When a pro sign is written, it is usual depicted as the two letters with a bar over the top, ie...

__
SK

Hope this helps. You didn't say why you wanted a chart, but I hope you are not intending to learn morse code by studying a chart. By far, the best way to learn it is by ear, using either tapes designed for students, or software.

Dwayne
KC4POI

427. Re: alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-11 04:06:34 UTC
From: kjn@netcom.com
Message-ID: <kjnD283Ey.EqK@netcom.com>
Source record: 263100

MHz says:
" A friend just got a new Motorola alpha/numeric pager at work. When I tried to
" send a message by calling the access number and modem (it answers and I do
" connect), I can't. At his work, there's a dedicated Motorola machine for
" sending messages to staff with the new pagers. Anyone know what's missing
" here? Sorry for the posting here, but of my accessible newsgroups, this is
" the most appropriate. Thanks in advance.

The other response was acurate. Two other programs are SNAPAGE and
MessageSoft. Both allow access to many different dialup systems and
provide the communications protocols. I bought MessageSoft from Mobile
Media for $19.00 a while back. It works with other systems than Mobilemedia.

Hope this helps a bit.

- Ken Navarre -
--

428. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-11 04:16:03 UTC
From: dbyrd@volsport.win.net
Message-ID: <44@volsport.win.net>
Source record: 263101

In article <3esiqv$ah3@news.tv.tek.com>, William K. McFadden (bill@thd.tv.tek.com) writes:

>My area has a lot of the between 450 and 451 MHz. You can hear all kinds of
>good stuff there. These frequencies are a good source of info about any late
>breaking news story. Just remember that the EPCA says it's illegal to listen
>to them.

Are you sure? Its been about a year since I looked at the ECPA, but
I don't recall any provision that would make it illegal to
merely *listen* to communications between a mobile and base station
engaged in news gathering. The primary impact on scanner owners of
the ECPA was its prohibition of intercepting cell phone calls.

Dwayne Byrd
KC4POI
ARRL Volunteer Counsel
(West Tennessee)

429. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-11 04:24:24 UTC
From: kjn@netcom.com
Message-ID: <kjnD2848o.Gy6@netcom.com>
Source record: 263109
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Grady Ward says:
" Richard A. De Castro (decastro@netcom.com) wrote:

" : >For national park use - a transceiver modified to xmit in the bands
" : >the rangers use. Again, life or death.

Not to detract from the other thread about "kerchunking" (which was RIGHT
ON... it really DOES piss off the feds!)

If you want to reduce part of the problem use a commercial grade
(type approved) radio for the ham band rather than a modified ham radio
on the pub safety band. then you at least reduce the charge of using
non-type approved equipment to, maybe, harmful interference and
transmitting without a license.

Remember the guy in San Diego County who broadcast on the S.O. freq to
request medical aid for a crashed mtn. biker with a severe head injury.
He was out of range of ham rptrs but was able to access the Sheriff's.
He had his radio confiscated and was facing possible criminal charges.
The DA decided to drop the charges when faced with public outcry.

I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
he radio although hams in the area offered to replace the one commandeered
by the San Diego Sheriff.

" : Aside from the legal issues, which we thashed out a week or two ago, how are
" : you going to get the repeater frequencies? Most frequncy books don't
" : have the input frequncy or the CTCSS/DPL code, and even most of the few
" : that have them don't give you the correct pairings.

Guess you're using the wrong freq list...
Many of the California ones DO offer just that information. (and we
appreciate it VERY much)

Another option that I really don't recommend is to carry an ELT or EPIRB.
It may take a few more orbits of a satellite to pinpoint your location
but it would certainly bring a few folks within range of your handheld.
Maybe you'd want to try to talk to the CAP on 148.150 Mhz when they get
within range.:)

Uh... you didn't hear that from me :(

-Ken Navarre-
--

430. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-11 04:25:57 UTC
From: dhughes@prairienet.org
Message-ID: <3evmkl$kln@vixen.cso.uiuc.edu>
Source record: 263102

My
>impression was that a ham licence did not automatically entitle you to
>slap a 2006 in your car with no transceiver in sight. Please correct me
>(gently, and with references) if I am in error.
>
>.....Dave

Dave, in Indiana anyway the law brands use of a mobile scanner capable of picking up police signals a misdemeanor, but this section is followed by "This section does not apply to .... a person who holds an amateur radio license issued by the FCC." So hams in Hoosierland have blanket permission to run that 2006 in the car. ---Dan

- -

431. PRO 43 MEMORY MOD

Newsgroup: rec.radio.scanner
Date: 1995-01-11 05:39:00 UTC
From: ron.robinson@onlinesys.com
Message-ID: <c9.975.4179@onlinesys.com>
Source record: 263103

Could someone please tell me if there is a memory expansion mod for
the pro 43? If so whould there be an ftp site with the schematic?
Thanks Ron

Ron

* 1st 1.11 #3335 * "I am Homer of Borg! Prepare to be...OOooooo! Donuts!!!"

432. dallas hot freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-11 05:40:32 UTC
From: mpalinsk@industry.org
Message-ID: <28503AJJWJNGBHPOHCN@industry.org>
Source record: 263104

```
IJ>i just got the type of phone call that all radio hobbiests
IJ>live for: my nephew spent his christmas money on a new
IJ>scanner! he lives in irving, which is between dallas and
IJ>fort worth texas. i told him i could get him some good
IJ>frequencies, so i am depending on this group! please e-mail
IJ>me your list if you have one. he got a pro 46 with no manual,
IJ>so i am trying to get him a manual. also, i think this radio
IJ>can be modified, and i am interested in any people in the
IJ>irving area who could do this for him.

sure, go to yer local Radio Shack, and tell them to call National Parts
and order the owner's manual for the pro-46...they will do so and charge
you accordingly..around $2-4 is all! :)

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines
```

433. Is this Pro-43 modifiable ???

Newsgroup: rec.radio.scanner
Date: 1995-01-11 05:40:32 UTC
From: mpalinsk@industry.org
Message-ID: <28496AJJWJNGBHPOHCN@industry.org>
Source record: 263105

IJ>Was in Radio Shack today and saw a Pro-43(discontinued) on Sale for $289.
IJ>The Salesperson claims this unit has been in the store for a long time,
IJ>perhaps June 94, so I'm not sure if it is one of the updated,
IJ>non-modifiable units. I pulled the following off the back plate hoping
IJ>someone can tell me if this unit is modifiable:

IJ>Model No: 20-300
IJ>Fcc ID: AA020-300
IJ>S/N: 07792

IJ>I believe there was a small sticker on the box labeled 1AF.

the model #20-300 and fcc-id uh (aa 20-300) are the same thing. the
serial/number means absolutely nothing.

now the 1AF is odd...being that Radio Shack uses that code as the DATE
code...on my pro-51, it says: 7A4, meaning the scanner was manufactured
in (7 = July) 1994. but i have no idea what the F stands for...never
seen it.

You've Got Questions. We've Got Answers.

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

434. Re: Sonoma County Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-11 05:43:50 UTC
From: jthompso@nermal.santarosa.edu
Message-ID: <3evr6m$cmu@floyd.santarosa.edu>
Source record: 263106

Joe Marchi (looselip@crl.com) wrote:
: If anyone knows the law enforcement and emergency frequencies for Sonoma
: County could you please post them or e-mail them. Thanks.

Yea, these frequencies were very busy during the worst of the flooding here in California. I was listening constantly with two scanners blaring away. I can give you some frequencies here but they are all in the police call guide. E-mail me if you want more or specific freqs. (I have tons)

460.375 Santa Rosa Police Ch 1
460.050 SR Pol Ch 2
460.025 SR Pol Ch 3
155.595 Sonoma Co. Sherrif (I think)
460.125
460.275
453.725
453.575
453.400
453.550

Okay my time is just about up so no more now. Those are all some type of emergency frequencies. Good luck and e-mail me for more.

John Thompson
****
** John Thompson ** O O **
** jthompso@nermal.santarosa.edu ** / \ **
** \/\/\/\/\/\/\/\/\/\/\/\/\/\/\ ** \-----/ **
****

435. Re: Bay Area Traffic News Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-01-11 06:20:36 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3evtbk$1n1@ixnews3.ix.netcom.com>
Source record: 263110
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <3evre9$cmu@floyd.santarosa.edu> jthompso@nermal.santarosa.edu (John Thompson) writes:

>
>KGO Traffic is either 453.475 or 450.2125. I think it is the second of the
>two but not sure. Let me know if you find anything I have been looking for
>years without much sucess...

Try some of these, list is a bit old, judging by some of the call letters.

San Francisco Bay News Media Frequencies

161.6400 Media
161.6700 KQED TV 9
161.7000 KFRC
161.7300 KHTT, KKSF, KTOM
161.7600 KNBR AM
170.1500 Press
173.2750 SF Examiner
173.3250 Independant Journal
173.3750 SF Chronicle
450.0150 Media
450.0375 Media common repeater KTVU TV2
450.0500 KSBW TV 8
450.0625 Metro traffic news/ Press common
450.0750 KSBW TV 8
450.0875 KCBS 740 News
450.0975 KCBS 740 News
450.1125 KICU TV 36, KTEH TV 54
450.1375 KNEW 910 Traffic
450.1875 KNTV 11 News
450.2125 KGO News
450.2375 KNBR 680 Traffic
450.2750 KGO TV 7 Vehicles
450.2875 KGO TV 7 Engineering
450.3375 KTVU TV 2
450.3625 KTVU TV 2 Engineering
450.4125 KRON TV 4 News
450.4375 KRON TV 4 Engineering
450.4625 KGO TV 7 News
450.4875 KPIX TV 5 News

450.5000 Media
450.5125 KPIX TV 5 Engineering
450.5875 KSFO 560 News
450.6000 KCBA TV 35
450.6125 KCBS 740 Engineering
450.6500 KMPG 1540 AM
450.7000 KNZS
450.7500 KTOM
450.8000 KMBY
450.8500 Santa Clara County emergency news hotline
450.9250 KOFY TV 20
472.0625 KGO
944.5000 KMBY STL
945.5000 KOCN STL
946.0000 KLAU STL
947.0000 KXDC STL
948.5000 KWAV STL
949.5000 KAZU STL
950.5000 KBOQ STL
951.5000 KUSP STL

--

David Palmer DPalmer@ix.netcom.com
"Oh aint it good when things are going your way, hey! hey!"

436. Washington Dc/virginia Fr

Newsgroup: rec.radio.scanner
Date: 1995-01-11 09:40:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <057_9501121230@blkcat.fidonet.org>
Source record: 262976

MM> Does anyone have a list of frequencies in the Washington
MM> DC/Northern Virginia area? Thanks...

Try logging onto the Frequency Forum BBS at 703-207-9622. They have
many files on-line with many of the frequencies.

Gary Mumma

Internet Address - gary.mumma@f239.n109.z1.fidonet.org

Gary Mumma

Internet Address - gary.mumma@f239.n109.z1.fidonet.org

* RM 1.3 01462 * [0mThe [30minvisible [37mtagline.

Fidonet: Gary Mumma 1:109/239
Internet: Gary.Mumma@f239.n109.z1.fidonet.org

437. Re: PRO-51 Software Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-11 09:57:57 UTC
From: marc_k@escape.com
Message-ID: <3f0a35$84r@beyond.escape.com>
Source record: 263108

Thomas Kelly (SRGH81A@prodigy.com) wrote:
: I tried the suggested test modes and found that they worked as described
: except for mode 1.
: Holding down 2, 9, L/O on power up cleared all channels (as does mode 0)
: but no freq's were inserted into any channels. Has anyone else tried
: this method with a PRO-51? Any other suggestions?

hit 2/9/band or 2/9/moni, and after the display starts scrolling, THEN
hit 2-9-l/o
You must have a new 51, the old ones did work with just 2-9-l/o
good luck!

438. Which PRO-XX Handheld to Buy?

Newsgroup: rec.radio.scanner
Date: 1995-01-11 12:27:08 UTC
From: dbyrd@volsport.win.net
Message-ID: <47@volsport.win.net>
Source record: 263111

I'm helping a friend shop for a new hand held scanner for her husband. I assume the more you pay for a Radio Shack handheld, the more features you get, ie. more frequency slots, faster scan speed, etc. However, is there some other major differences between the models that should factor into the decision, such as reported reliability, etc.? Please assume for the sake of this question that the feasibility of any type of internal mods is not a relevant factor.

Thank in advance for any help.

Dwayne
KC4POI

439. Re: Washington DC/Virginia Frequency lists

Newsgroup: rec.radio.scanner
Date: 1995-01-11 12:32:18 UTC
From: scott@access.digex.net
Message-ID: <3f0miq$oko@news1.digex.net>
Source record: 262991
Cross-posted to: alt.radio.scanner,rec.radio.scanner

murple@clark.net (Murple) wrote:

>Does anyone have a list of frequencies in the Washington DC/Northern
>Virginia area? Thanks...

Ditto Please! I finnally decided to get back into scanning after five years without one. Of course the day I decide to but the scann the Radio Shack
is completely out of frequency books.

I would appreciate the Northern VA/ Washington DC scanner Freqs also.

Scott Singleton - Parrothead, ST:Tng Junkie
Manassas, VA - Home of the Bobbits
scottsin@access.digex.net
http://www.access.digex.net/~scottsin/
---

440. Re: Washington DC/Virginia Frequency lists

Newsgroup: rec.radio.scanner
Date: 1995-01-11 12:34:21 UTC
From: wierz@gouda.cad.melpar.esys.com
Message-ID: <D28qx9.K9L@melpar.esys.com>
Source record: 262977
Cross-posted to: alt.radio.scanner,rec.radio.scanner,clarknet.radio.scanner

```
In article <3evl8i$22u@explorer.clark.net>, murple@clark.net (Murple) writes:
|>
|> Does anyone have a list of frequencies in the Washington DC/Northern
|> Virginia area? Thanks...
|>

Go to Radio Shaq and buy a copy of the book titled "Police Call".

************************************************************
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
************************************************************
```

441. PRO-43

Newsgroup: rec.radio.scanner
Date: 1995-01-11 13:09:36 UTC
From: phil.hamilton@nashville.com
Message-ID: <000004FF000012AC@nashville.com>
Source record: 262981

I have just purchased a PRO-43 (USA model) and have a few questions.
From the date on the service manual (1992), it's obvious these
scanners have been around for a while. If these questions have
been posted before...sorry.

Page 6 and 7 of the service manual refers to the 400 channels
that can be programmed. We all know 200 is the limit on this unit
out of the box. This reference to 400 channels makes me think
a mod may be lurking some where inside.

The schematic shows the keypad diode matrix for the USA/Canada,
and the Europe/Australia models.

20-300 20-9300
USA/Canada Europe/Australia

D1 USED | USED * connected to keypad/lock switch
D2 USED | Not Used
D3 Not Used | USED
D4 USED | Not Used
D5 Not Used | USED

We know by moving the D4 Diode from it's spot and placing
it in the empty D3 position we unlock the blocked 800Mhz, and extend
the 30Mhz-50Mhz up to 88Mhz. The tuning in this extended VHF low
area will probably be marginal because of different capacitors
and coils in the bandpass filter....But what about D2 and D5?
Has anyone played around with these to check what happens if they
are switched or removed?
From looking the schematic over it looks like the engineers purposely
crippled a 30Mhz to 999.9875Mhz full coverage receiver!
I am sure the marketing office showed them the necessity in doing
this so they could sell 10 different models!

Phil
phil.hamilton@nashville.com

• OLX 2.1 TD • Backup not found: (A)bort (R)etry (P)anic

442. Re: PRO-51 Software Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-11 13:29:26 UTC
From: damoro@execpc.com
Message-ID: <3f0mfm$kn4@homer.alpha.net>
Source record: 263112

In article <3eq6h5$36fb@yuma.ACNS.ColoState.EDU>, mharsch@lamar.ColoState.EDU (Linda Wenzel) says:
>
> The following is a software mod I found at:
>http://dice.dac.neu.edu/Homepages/paul/al.html
>
>

>
>TEST MODE 1. Fill channels 1-25 with test frequencies.
>Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.
>This fills channels 1-25 with these frequencies:

I tried this too, with no luck. The RS salesman who sold me my scanner said that they had to send all models back for modification so that this test mode would not be accessible (sigh). If I find any PRO-51 mods, I'll post them or at least direct people where I found them.

Happy scanning,
D. Moroder

443. Re: Which PRO-XX Handheld to Buy?

Newsgroup: rec.radio.scanner
Date: 1995-01-11 13:33:43 UTC
From: damoro@execpc.com
Message-ID: <3f0mnn$kn4@homer.alpha.net>
Source record: 263113

In article <47@volsport.win.net>, dbyrd@volsport.win.net (Dwayne S. Byrd) says:
>
>I'm helping a friend shop for a new hand held scanner for her
>husband. I assume the more you pay for a Radio Shack handheld,
>the more features you get, ie. more frequency slots, faster scan
>speed, etc. However, is there some other major differences
>between the models that should factor into the decision, such as
>reported reliability, etc.? Please assume for the sake of this
>question that the feasibility of any type of internal mods is not a
>relevant factor.
>

Radio Shack is having an "unadvertised" sale on their PRO-51 model;
regularly $299.99...now $219.99. I just picked it up, and it does
everything I want and more. Check it out.

D. Moroder

444. Legality of Posting Mods and Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-11 13:37:55 UTC
From: damoro@execpc.com
Message-ID: <3f0mvj$kn4@homer.alpha.net>
Source record: 263114

Am new to this group. Was wondering if it is legal to
publicly post frequency lists and/or mods, or do you have
to be discrete about it?

Thanks in advance for any advice,
D. Moroder

445. Re: Which PRO-XX Handheld to Buy?

Newsgroup: rec.radio.scanner
Date: 1995-01-11 13:42:16 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3f0n7o$70e@nntp.crl.com>
Source record: 263115

> In article <47@volsport.win.net>, dbyrd@volsport.win.net (Dwayne S. Byrd) says:
> >
> >I'm helping a friend shop for a new hand held scanner for her
> >husband. I assume the more you pay for a Radio Shack handheld,
> >the more features you get, ie. more frequency slots, faster scan
> >speed, etc. However, is there some other major differences
> >between the models that should factor into the decision, such as
> >reported reliability, etc.? Please assume for the sake of this
> >question that the feasibility of any type of internal mods is not a
> >relevant factor.
> >
>
> Radio Shack is having an "unadvertised" sale on their PRO-51 model;
> regularly $299.99...now $219.99. I just picked it up, and it does
> everything I want and more. Check it out.

I bet it has been discontinued and they are trying to blow out current stock.
This is usually an indication when they do that sort of thing.
No flames etc aboput how you like the radio, RS is a business.
It hurts their sales to say an item is discontinued until they
have few left. Years after they dropped the 2004 some stores were still
trying to sell them for $74! In the right place they would be gone
because some loved that radio.

You could check by asking the clerk to look it up, the 2004 may still
be carried on their books somewhere, if so the store will still have it in the
database with a price. They can't get it but someone has it.

It sould be around $20 now.

446. Help SBE Optiscan.

Newsgroup: rec.radio.scanner
Date: 1995-01-11 13:53:39 UTC
From: jony@admin.kth.se
Message-ID: <jony-110195144834@mediatmac.admin.kth.se>
Source record: 263116

I got an old scanner (early 80's i think) from manufacturer SBE called OPTISCAN. It's freq.s is programmed with a punch card with 15 positions for each channel. I need help with how to programme the punchcards, a list of freq.s or a tip.

jonny

447. Request for Scanning Info and Pro-46 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-11 14:13:36 UTC
From: Mike Grant <Mike.Grant@DaytonOH.NCR.COM>
Message-ID: <D28vIo.GL7@ranger.daytonoh.ncr.com>
Source record: 263117

I'm semi-new to the world of scanning and am finding all the discussion on this news group fascinating. I would appreciate help with two questions:

1) Information on scanning in off the shelf periodicals seems to be non-existent. Where is the best place to get general information on scanning?

2) Where is the best place to get information on modifications to the Pro-46?

Thanks in advance for any assistance.

448. Yupiteru mvt7100 vs AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-11 14:15:57 UTC
From: tree@kla.com
Message-ID: <3f0p6t$4hu@kla.com>
Source record: 262999
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Greetings all,

I'm looking into upgrading my scanner and I'm wondering if people here can enlighten me on the pros and cons of the Yupiteru 7100 and the AR 8000 (1000mem, rs232, handheld, right? I hope I've got the model right). The more technical you can get, the better it is for me. There's only about a $100 price difference between these models for me, so I'd like to make an informed decision. I've had both recommended to me, but no one has been able to give me any technical or feature data. I don't have WWW access, otherwise I'd check (?name escapes me)'s home page for info on the AR 8000.

If someone could post or reply email to me before this weekend, that would be great as I will be going to Akibabra this weekend (Tokyo's electronics market suburb). If I can find one of these scanner at a good price, I'd like to pick one up.

Thanks ever so much!
<<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>>
The Tree ----:*] || The only difference between myself
tree@newkla.kla.com || and a mad man is that
KLA Instruments San Jose, CA || I'm NOT MAD!!! =:*) -S. Dali
==============================<Disclaimer>==================================
|| Any similarity between my opinions and those of KLA Instruments is ||
|| purely a coincidence and will never happen again I solemnly swear! ||

449. Re: ??????????????????????BC 8500XLT mods?????????????????

Newsgroup: rec.radio.scanner
Date: 1995-01-11 15:39:54 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3f0u4abmc1@mhadg.production.compuserve.com>
Source record: 263118

You can find the cellular mod for the BC8500XLT on pages 69 and 70 of the Sept/Oct 1994 issue of National Scanning Magazine (put out by the Bearcat Radio Club). The article was written by Steve Donnell, the same guy who came up with the BC220XLT cell mod (a very different mod, by the way) in the Jan 1995 RCMA Magazine.

450. Re: Is Rat Shack Pulling my...

Newsgroup: rec.radio.scanner
Date: 1995-01-11 15:42:14 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3f0u8mbmc2@mhadg.production.compuserve.com>
Source record: 263119

What's the datecode on your Pro51? It makes all the difference in the world whether you can get cellular or not.

451. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-11 15:46:08 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3f0ug0bmc3@mhadg.production.compuserve.com>
Source record: 263120

I have a Pro2035UK and am using it with a 12v adapter. No need to do surgery with replacing power supplies if this method is acceptable.

Jonathan Clough just got the Service Manual and has the model number the UK CPU if you want it. Also, I'm having him check on a 30kHz mod, since there is a 30kHz indication on the right side of the display on ALL Pro2035s!

452. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-11 15:50:21 UTC
From: tardis@atd.mke.ab.com
Message-ID: <3f0v8nINN4n2@scarecrow.mke.ab.com>
Source record: 263121

> Steven Bradley (steven@sgb.oau.org) wrote:
> : Someone I spoke to recently suggested doing the following:
> : Order Pro-2035 from Javiation in the UK, which comes with cellular.
> : Order Pro-2035 US power transformer from National Parts in TX.
> : Swap the transformers and there you have a full US-operational Pro-2035
> : with full cellular. Do you think this would work?
>
> Wouldn't you then, in that case, be stuck with the UK BandPlan? Is this
> re-mappable on the Pro-2035?

wouldn't the feds just confiscate the scanner at the border and return it to sender? it violates the law to import a cell
enabled receiver you know.

453. Re: alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-11 15:57:09 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3f0v4l$b0b@umcc.umcc.umich.edu>
Source record: 263122

In regards to paging software: There are several good Windows version software available. Although they are somewhat expensive they are worth it. Notify, Winpage and Executive Page are a few that come to mind. Executive page does offer a shareware version thats available on Compuserve and all the other pieces of software can be ordered from a software supplier such as Egg Head or Comp USA. Most are around $100 to $130 but are well worth it if you send out many pages...

--
Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
lbutler@umcc.umich.edu Compuserve 72673,321
Ham Callsign expected in Feb. Have a great Day!

454. PRO-43 4 sale

Newsgroup: rec.radio.scanner
Date: 1995-01-11 16:29:32 UTC
From: ecurtis@oucsace.cs.ohiou.edu
Message-ID: <D291t8.KIq@boss.cs.ohiou.edu>
Source record: 263123
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've got a PRO-43 for sale. Will include "Beyond Police Calls" 1995 book
and wall plug in power supply. E-mail with offers.

ecurtis@oucsace.cs.ohiou.edu

--
-----|----- | ecurtis@ohiou.edu | Communication Systems Management
*>=====[_]D | (614) 698-3742 | & Aviation Major. Full time
-'-`- | CFII | Student for SEVEN years!!!

455. Pro-43 Keypad mods? Are there any?

Newsgroup: rec.radio.scanner
Date: 1995-01-11 16:35:02 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-1101951235020001@slip26.netaxis.com>
Source record: 263124
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone know of any keypad mods for the "old" style Pro-43's? Thanks...

-Dave

--
Have you ever gotten sick and tired of hearing AT&T take credit for things they didn't invent? You will.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

456. Re: Best Scanner BBS Anywhere...

Newsgroup: rec.radio.scanner
Date: 1995-01-11 16:47:27 UTC
From: achern@io.avl.umd.edu
Message-ID: <3f122v$8b0@mojo.eng.umd.edu>
Source record: 262975

Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:
: Hmmmm....Sounds nice..but my telephone company says they ain't heard
: of no (360) area code. no can do from here.......

That's because it's an illegal area code. All area codes have a middle digit of 1 | 0.

-Alex.

457. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-11 17:59:06 UTC
From: horak@convex.com
Message-ID: <3f169a$qqd@eugene.convex.com>
Source record: 262978

In <3f0ug0bmc3@mhadg.production.compuserve.com> Jeff Goldman <76703.4224@CompuServe.COM> writes:

>Jonathan Clough just got the Service Manual and has the model number the
>UK CPU if you want it. Also, I'm having him check on a 30kHz mod, since there
>is a 30kHz indication on the right side of the display on ALL Pro2035s!
^^^^^^^^^^^^^^^^^^^^^^^^^^^^

It wouldn't make sense to have two different LCDs. Why would they spend
lots of cash getting the LCD manufacturer to make a special LCD for each?

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

458. AOR AR1000XLT For Sale

Newsgroup: rec.radio.scanner
Date: 1995-01-11 18:23:01 UTC
From: wyn_davies@globalvillag.com
Message-ID: <wyn_davies-1101951123010001@egmac234.globalvillag.com>
Source record: 262994
Cross-posted to: alt.radio.scanner,rec.radio.scanner,ba.forsale,ba.market.forsale,ba.market.misc

For Sale:

I have an AOR AR1000XLT handheld scanner for sale. It has 1000 memory channels and covers 500Mhz to 1300Mhz continuous (including cellular). It has not seen much use and is in great condition. I will include all accessories that originally came with it. I will also include a copy of Howard Bornstein's "Guide to the AR1000", which is a very comprehensive guide to the use of the scanner. I am selling it because I live in a place where nothing ever happens and having such a good scanner doesn't make any sense. I would like at least $300 (that includes shipping) for the scanner. Please email me with any questions.

Thanks!

--
Wyn Davies
Systems Engineer
Global Village Communication, Inc.
408-523-2203
wyn_davies@globalvillag.com

459. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-11 19:14:01 UTC
From: hall@macs.mxim.com
Message-ID: <3f1alp$l5a@macs.mxim.com>
Source record: 262993
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <kjnD2848o.Gy6@netcom.com> kjn@netcom.com (Ken Navarre) writes:

>If you want to reduce part of the problem use a commercial grade
>(type approved) radio for the ham band rather than a modified ham radio
>on the pub safety band. then you at least reduce the charge of using
>non-type approved equipment to, maybe, harmful interference and
>transmitting without a license.

That certainly gets you around some (but not all) legal difficulties, and it would work. The biggest problem is that as far as I know there is no type accepted radio available anywhere which is very convenient for the kinds of things hams like to do. The type accepted radios I'm familiar with (primarily the Icom H16) will work but they are clumsy to program. If you go to a different area and need to change repeater frequencies you face a non-trivial task. They are useful for somebody who is both a ham and in search and rescue. If amateur radio is your thing they just won't do. (And they are more expensive than non-type accepted radios.)

In my opinion, if the only reason you want this is in case of emergency when you might want to transmit on a public safety frequency, then you would be better off using a modified ham radio. Such transmissions are allowed in emergencies although apparently there are government officials who don't like it so you may have to defend yourself. Just make sure it is a real emergency and that no other means of communication is available to deal with it. If you save a life you are probably OK. If the victim dies in spite of your efforts some jerk is likely to see if he can nail you. An available amateur repeater which you could have used is probably all he would need to get a conviction. Theoretically he could nail you even for saving a life if other communication was available. However a life saved goes a long way with any jury so you would have a good chance of getting off.

460. Re: Best Scanner BBS Anywhere...

Newsgroup: rec.radio.scanner
Date: 1995-01-11 19:18:01 UTC
From: kamakiz@larry.wyvern.com
Message-ID: <kamakiz.789851881@larry>
Source record: 262979

achern@io.avl.umd.edu (Alex Chernyakov) writes:

>Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:
>: Hmmmm....Sounds nice..but my telephone company says they ain't heard
>: of no (360) area code. no can do from here.......

>That's because it's an illegal area code. All area codes have a middle
>digit of 1 | 0.

>-Alex.
Yes Alex, But As of Jan 1st 1995, that law was no longer vaild, there IS no
more area codes

Just As 703 In Virginia will SPlit to 540 in July 95

Dont Belive me ask the operator. heck my op know..

--
Kamakize --Creator Of MusicZine--
For Info: E-mail Kamakiz@infi.net or Kamakize@delphi.com
or Us Mail Po Box 38 Troutville Va 24175 -

461. BOY LOSES GIRL ON SCA

Newsgroup: rec.radio.scanner
Date: 1995-01-11 20:16:48 UTC
From: glenn.johnson@chrysalis.org
Message-ID: <9501112016.0SHMS05@chrysalis.org>
Source record: 262988

NE>>>Yeah, but they don't know your phone number when they do that. I recently
NE>>>made a call, but used the wrong area code, so I hung up after one ring.
NE>>>Then, my phone rang and it was the person I just called, incorrectly.
NE>>>Ha Ha, the jokes on them because they just made a long distance call
NE>>>to somebody they didn't even know.

You don't have call return. Call return does not work for toll calls.
* BUSTED *

 SLMR 2.0 Whatever!

462. Re: CNN & Court TV Freqs WTD

Newsgroup: rec.radio.scanner
Date: 1995-01-11 20:43:10 UTC
From: mulligan@ACM.ORG
Message-ID: <3f1fsu$gvp@hopper.acm.org>
Source record: 262980

opp@netcom.com asked:
> ... the audio frequencies for CNN and Court TV?

From the FAF - Frequently Asked Frequencies file on oak.oakland.edu
/pub/hamradio/docs/misc/

Television [73.603]

Ch Range Video Audio

2 54 - 60 55.250 59.750
3 60 - 66 61.250 65.750
4 66 - 72 67.250 71.750
5 76 - 82 77.250 81.750
6 82 - 88 83.250 87.750
7 174 - 180 175.250 179.750
8 180 - 186 181.250 185.750
9 186 - 192 187.250 191.750
10 192 - 198 193.250 197.750
11 198 - 204 199.250 203.750
12 204 - 210 205.250 209.750
13 210 - 216 211.250 215.750
14 470 - 476 471.250 475.750
15 476 - 482 477.250 481.750
.. ... - ... .
68 794 - 800 795.250 799.750
69 800 - 806 801.250 805.750

Note the gaps between chs 4/5, 6/7, and 13/14.
Freqs in the 470-512 MHz range (Ch 14-20) may be assigned to
Public Service mobile use in major metro areas. No transmitters
are allowed on 608-614 MHz (Ch 37).
Each TV channel is 6 MHz wide. The video carrier is 1.25 MHz
above the start of the range. The audio carrier is 0.25 MHz below
the end of the range. Television audio is wideband FM.
Some TV stations may be offset +/- 10 kHz.

Cable TV - Ch MHz
2 - 13 54 - 216 (same as broadcast VHF)
14 - 22 120 - 174 Mid band
23 - 53 216 - 402 Super band

463. Advice buying Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-11 21:18:50 UTC
From: Nathaniel <72300.2260@CompuServe.COM>
Message-ID: <3f1hvq$kb9$1@mhade.production.compuserve.com>
Source record: 262995
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am interested in buying a hand held scanner that can
get Cellular. Are there any scanners on the market that are
still modifiable, if so which ones and what would I have to do to
modify it? Thanks in advance.

464. Wanted: Dayton, OH Area Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-11 21:23:00 UTC
From: Mike Grant <Mike.Grant@DaytonOH.NCR.COM>
Message-ID: <D29FEC.6EJ@ncrcae.ColumbiaSC.NCR.COM>
Source record: 262982

Does anyone have any frequencies for the Dayton, OH area?

Thanks in advance.

465. Yaesu FT530 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-01-11 21:45:34 UTC
From: vuckovic@flowbee.interaccess.com
Message-ID: <3f1jhu$498@nntp.interaccess.com>
Source record: 262996
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,chi.forsale,misc.forsale

```
For Sale:
Yaesu FT-530 Dual Band Transciever (extended tx/rx mods)
Belt Clip, Standard Battery, Standard Charger.

No Warranty. Seems to work ok.

Special Bonus: Will recieve crystal clear cellular telephone tx.

Asking $325.00. COD Shipping included.

--
-------------------------------------------------------------------------
Owner, Weniger Lighting Systems | George Vuckovic |
| vuckovic@interaccess.com |
|__My_Opinions_Are_My_Own__|
Weniger Lighting Systems -- Emergency Lighting Sales, Service, Installation
-------------------------------------------------------------------------
```

466. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-11 23:47:54 UTC
From: bill@thd.tv.tek.com
Message-ID: <3f1qna$8ve@news.tv.tek.com>
Source record: 262983

In article <44@volsport.win.net>,
Dwayne S. Byrd <dbyrd@volsport.win.net> wrote:
>
>In article <3esiqv$ah3@news.tv.tek.com>, William K. McFadden (bill@thd.tv.tek.com)
writes:
>
>>[news remotes] between 450 and 451 MHz.
>>Just remember that the EPCA says it's illegal to listen to them.
>
>Are you sure? Its been about a year since I looked at the ECPA, but
>I don't recall any provision that would make it illegal to
>merely *listen* to communications between a mobile and base station
>engaged in news gathering.

Someone please correct me if I'm wrong, but these are broadcast auxiliary
frequencies, which I believe are illegal to listen to under the ECPA.

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

467. <None>

Newsgroup: rec.radio.scanner
Date: 1995-01-12 01:17:52 UTC
From: Bob Denton <bdenton@gate.nwt>
Message-ID: <1995Jan12.181752.5274@lub001.lamar.edu>
Source record: 262984

[No readable article body recovered]

468. Re: Yupiteru mvt7100 vs AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-12 03:01:25 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3f2625$rir@mojo.eng.umd.edu>
Source record: 263006
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Vertically Enhanced (tree@kla.com) wrote:
: make an informed decision. I've had both recommended to me, but no one
: has been able to give me any technical or feature data. I don't have WWW
: access, otherwise I'd check (?name escapes me)'s home page for info on
: the AR 8000.

From Victor Healey (Ki4je)'s home page:
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

The AR8000

Mailto:Clough@javiaton.demon.co.uk

The AR8000 is the result of AOR's long term ambition to produce a new
breed

of radio receiver which combined full computer compatibility with
advanced

wide-band radio receiver technology. With the introduction of the new

AR8000, AOR have broken the mould of conventional radio receiver
design.

At first glance the AR8000 in its static form may look no different to
any

modern hand-held scanning receiver, but the similarity ends
there...just as

soon as the receiver is switched on!! Initially you are greeted with
the

opening welcome message on the AR8000 multi-function liquid crystal
display

"WELCOME TO THE WORLD OF AR8000 RECEIVER", in a similar way to a sign
on

message displayed by your personal computer. This new experience
immediately

demonstrates to the new user and discerning radio listener that the
AR8000

is no ordinary radio but THE NEW CONCEPT in radio design. The modern
new

cabinet design measures approx. 152mm (h) x 69mm (d) x 40mm (w) excluding

projections and weighing only 350g including NiCads (but not aerial).

The AR8000 is a highly sensitive hand-held receiver boasting a very wide

frequency coverage of 500KHz to 1900MHz without gaps in the range (actual

acceptable frequency input from 100KHz). Step size is programmable in

multiples of 50Hz for smooth tuning. The all mode reception provides

AM,USB,LSB,CW,NFM and WFM. As you might expect from a radio receiver of this

calibre, an independent 2.0KHz SSB filter is fitted as standard and the

USB/LSB modes use true carrier re-insertion with correctly calibrated

frequency read-out (not offset by 1.KHz). A custom manufactured ferrite bat

aerial is neatly installed at the top of the receivers cabinet to enhance

receive performance when listening in population centres to Medium Wave

services or when commentary is provided at aishows and motor sport events.

The highly visibility LCD is of a new dot matrix format which enables many

new facilities to be used, many of which have never been seen before

especially on a hand held design. Two VFO frequencies may be displayed on

the LCD simultaneously, one providing a stand by frequency available for

quick transfer (similar to commercial aviation built-in radio transceivers.

When frequencies are entered, ALPHANUMERIC comments may be stored along with

frequency, mode & attenuator status simplifying the job or recalling and

identifying memory channels.

The LCD provides four lines of display so that additional facilities may be

provided and displayed at the same time, these include a signal strength bar

meter and a band-scope showing band occupancy.

The AR8000 is equipped with almost every conceivable operating feature but

operation remains easy thanks to a massive new microprocessor. A total of

1000 memory channels are provided which are divided into 20 banks, each

having 50 channels. AOR have chosen to allocate 50 channels per memory bank

(rather than the more conventional 100) based on findings that most radio

listeners prefer fewer channels per bank but more banks for simplified

operation. The AR8000 will search and scan at a very respectable (and fast)

maximum speed of approximately 30 increments per second. You may even enter

"special" frequencies into memory banks where they may only be recalled by

entering a user definable "PASSWORD"....this will stop preying eyes.

The AR8000 is truly a button pushers delight but operation need not be

difficult. As well as a comprehensively illustrated operating manual and UK

quick reference guide, the AR8000 has two operating modes: NEWUSER and

EXPERT. As already mentioned, the multi-function LCD provides many new

facilities but the receiver has a few more tricks up it's sleeve. Not only

can you connect the AR8000 to an external computer for remote control, you

may connect two AR8000 receivers back-to-back so that data may be copied

from one to another (small interface required for remote data access). There

are a variety of scan/search commands to link banks, scan by mode,

programmable delay scan, priority, auto memory store, step offset and a

programmable power save circuit to increase duration of operation from the

NiCads.

The mechanical assembly of the AR8000 will be a sheer revelation to any

radio engineer. Surface mount technology has been employed throughout the

receiver which is constructed of plug in modules. This will ensure the

highest levels of performance, reliability and serviceability. The AR8000

will certainly stand out in a constructional beauty contest. Keypad

illumination extends to the side panel keys and may be switched in a number

of ways. Illumination "permanently on" for mobile operation is possible. A

specially selected heavy duty regulator has been fitted to ensure the

receiver will continue to operate reliably even with the illumination

permanently selected.

MAIN FEATURES

Frequency coverage 500KHz - 1900MHz

All mode reception AM, NFM, WFM, USB, LSB & CW

True carrier re-insertion and specific SSB filter with non offset readout

1000 memory channels

20 search banks

Priority Channel

Frequency Pass

Rotary Tuning Dial

Step sizes programmable between 50Hz - 999KHz in 50Hz steps

Scan & Search speed up to 30 increments per second

Signal Strength meter

Band Scope

Backlit LCD , Keypad & side panel

Battery save facility

Separate controls for volume, squelch & dial

Attenuator

Keypad Beep on/Off

Keypad Lock

Top panel 3.5mm earphone socket

Monitor switch

Password protected banks

Programmable Scan & Search including Free, Delay, Auto, Level & Mode

Select Scan List

Clone (Copy) Data facility between two AR8000

Computer Control

Tape Output

EEPROM memory backup (no battery required)

Supplied with NiCads, charger, Hand Strap, Belt Hook & screws, earphone,

seem flexible aerial, DC lead with cigar plug

Comprehensive operating manual with over 50 illustrations & quick reference

SPECIFICATIONS

Frequency Range: 500KHz - 1900MHz

Receive Mode: AM, NFM, WFM, USB, LSB & CW

Step Size: 50, 100, 200, 500Hz, 1, 2, 5, 6.25, 9, 10, 12.5, 20, 25, 30, 50,

100, 200, 250, 500KHz or any multiple of 50Hz upto 999KHz

Sensitivity: 500KHz - 2MHz

SSB by field signal strength

AM by field signal strength

2MHz - 30MHz

SSB 1.0uV

AM 3.0uV

NFM 1.5uV

30MHz - 1.3GHz

SSB 0.25uV

AM 1.0uV

NFM 0.35uV

WFM 1.0uV

1.0GHz - 1.3GHz

NFM 1.0uV

1.3GHz - 1.9GHz

NFM 3.0uV

AM/SSB S/N 10db

NFM/WFM SINAD 12dB

Selectivity SSB 2.0KHz (-6dB) 7.5KHz (-50dB)

AM/NFM 12KHz (-6dB) 25KHz (-60dB)

WFM 180KHz (-6dB) 800KHz (-50dB)

Antenna Impedance 50 Ohm

AF Output (4.8V) 120mW (8 Ohm)

Power requirements: 4.8v NiCad / 6.0V Maganese / 9 - 16V DC external

Consumption: 150mA (nominal), 100mA (stand by), 20mA (Save)

Memory Channels: 50 channels x 20 banks = 1000

Pass Channel : 50 channels x 20 banks = 1000

Scan/Search Speed: Approx 30ch/per sec

Hope this helps.

-Alex.

469. Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-12 03:08:59 UTC
From: x91sensnovis@wmich.edu
Message-ID: <1995Jan11.230859.26296@wmichgw>
Source record: 262985

We may be the only place in the nation to get your pro-43 modified to cover from 15 MHz to 1000 MHz no gaps!!!! Reduced sensitivity from 7 MHz to 15 MHz. Give that great unit a new life listening to shortwave broadcasts. Basically you would send the unit to us and we would send it back C.O.D. Currently we are looking at 5 working days to return it to you. We are posting this to see if there would be any interest in this mod. to the general public. E-mail me for any further details. Thank you.

470. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-12 03:15:07 UTC
From: decastro@netcom.com
Message-ID: <decastroD29vp7.53E@netcom.com>
Source record: 262827
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

kjn@netcom.com (Ken Navarre) writes:

>Grady Ward says:
>" Richard A. De Castro (decastro@netcom.com) wrote:

>Remember the guy in San Diego County who broadcast on the S.O. freq to
>request medical aid for a crashed mtn. biker with a severe head injury.
>He was out of range of ham rptrs but was able to access the Sheriff's.
>He had his radio confiscated and was facing possible criminal charges.
>The DA decided to drop the charges when faced with public outcry.

>I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
>he radio although hams in the area offered to replace the one commandeered
>by the San Diego Sheriff.

As I recall, the FCC was totally uninterested in the entire matter - according
to even a *strict* interpretation of hte FCC regs, what the ham did was
legal.

All of his grief came from the SO. The SO (illegally) confiscated his
radio, harassed him, tried to have him charged. What they were
succesfull in was intimidating him. But, without a free attorney (like
the SO gets), he couldn't get his radio back.

Our government in action - what ever happened to that bill of rights thing?

>Many of the California ones DO offer just that information. (and we
>appreciate it VERY much)

>Another option that I really don't recommend is to carry an ELT or EPIRB.
>It may take a few more orbits of a satellite to pinpoint your location
>but it would certainly bring a few folks within range of your handheld.
>Maybe you'd want to try to talk to the CAP on 148.150 Mhz when they get
>within range.:)

Having found over 1,000 elts (almost all as a CAP member, Mission Pilot,
Ground Team Leader, Ground Operations Officer, Mission Coordintor, Wing
Ground Operations Officer, Deputy Director of Emergency Services, etc)
that's still not a good idea, for the reasons I said. There's no good
chance that (without an idication of a missing aircraft) that a mission
would get started - even more these days. If you're ever in Virgina,
stop in at the (new) Rescue Coordination Center at Andrews AFB ?

>Uh... you didn't hear that from me :(

Oh, yes they did. It just doesn't matter.

--
==
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==

471. Date of Manufacture

Newsgroup: rec.radio.scanner
Date: 1995-01-12 03:44:53 UTC
From: scanware@myhost.subdomain.domain
Message-ID: <3f28jl$1nc@news.halcyon.com>
Source record: 262986

Here's the _word_ from Uniden on how to read the Date of Mfr Code found on the back of their scann

Example: ABLE = Feb 95

Only the SECOND and FOURTH letters of the code are significant.
That would be the _B_ and _E_ in the example shown above.

Second Character: Month of manufacture
A = Jan E = May I = Sep
B = Feb F = Jun J = Oct
C = Mar G = Jul K = Nov
D = Apr H = Aug L = Dec

Fourth Character: Year of Manufacture
A = 91 B = 92 C = 93 D = 95

So, if you just happen to want to collect _antique_ scanners
made before April of 94...look for anything before _xDxD_.

73 / Kg7XD
"In God we trust...all others we monitor!"

472. AR8000 info udated again (wednesday 1/10/1995)

Newsgroup: rec.radio.scanner
Date: 1995-01-12 03:54:20 UTC
From: ki4je <vhealey@crl.com>
Message-ID: <3f295c$1ql@nntp.crl.com>
Source record: 263015
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I know you probably get tired of seeing this announcement but...

I updated the pointers etc in the ar8000.homepage today.
I received two jpgs from Jonathan on the ar8000.The color one is quite
nice and shows the unit illuminated with its green lights. It displays
quite well with the final release version 1n of Netscape which is
available now. Netscape dosn't want their software mirrored of site
unless you are a college but I might put it in a nearby directory for
a few days if you can't hit their site do to traffic jams. You can
also run netscape without a winsock or net access just to view html
docs with a mozilla.dll I picked up. Let me know if anyone needs it.
This of course is pc stuff I am talking about. Netscape is also for the mac
and x-windows but you do have to go to the source for that. Netscape
is prohibited from many foreign countries do to
restrictions on exporting US software technology.
If you are on the state departments hit list don't even ask about it
I thought we were supposed to be at peace with everyone?

Two zip files from Wyman Chong. an easy to use access dbase and
a demo of a scanner interface program for the ar8000. The dbase file
came from compuserve library and is version ar8kdb11.zip. I looked at
an earlier version yesterday and I think it is right nice. The new file
is supposed to fix a macro that may not have worked correctly.

Michael Ayotte sent a new data file on the fm broadcast band ready to be downloaded
into two banks if you so desire, he also included a search data program for the same.

As of today all changed files and new files are noted in homepage with a date
so you can spot something changed that may concern you (
another suggestion from users of the ar8000 information).

I think that is all the new stuff for today. I has been fun putting it
all in one place for you.

73's
Victor Healey (Ki4je)

Send files and data to my anonymous incoming account via ftp at
ftp://ftp.crl.com/pub/incoming
then send a note via E mailto:vhealey@crl.com to move them to the
AR8000 (The Ultimate Handheld Scanning Receiver) site
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
Remember you can make very descriptive file names with unix file system.

473. Seattle, WA - Area Freq's

Newsgroup: rec.radio.scanner
Date: 1995-01-12 03:56:01 UTC
From: scanware@myhost.subdomain.domain
Message-ID: <3f298h$1nc@news.halcyon.com>
Source record: 262987

Many good freq listings on the ScanWare BBS in Port Orchard, WA
(360) 871-4228 (1200+, 8N1)
(360) 871-4591 (9600+, 8N1)

Good Scanning es 73
KG7XD

474. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-12 03:58:29 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D29xpH.G3y@news.hawaii.edu>
Source record: 262826
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

grady@netcom.com (Grady Ward) writes:

>Well if you are in far northern California (Humboldt County), you can use:
>
>Humboldt County Sheriff (primary) Out:154.740 In:155.790 PL:162.2
>CHP (Arcata) Out:42.540 In:42.240 PL:107.2
>CALTRANS (Gasquet) Out:457.975 In:452.975 PL:123.0
>Fish and Game (Coast District) Out:151.415 In:159.435 PL:103.5
>CA Forestry (Fortuna) Out:151.250 In:159.405 PL:none
>CA Parks & Rec Out:855.7375 In:810:7375 PL:D115
>CA OES Out:153.755 In:154.980 PL:192.8
>Six Rivers National Forest Out:168.725 In:170.125 PL:none
>Commerce Dept (NOAA) Out:162.550 In:416.375 PL:none
>Dept of Interior (National Park) Out:166.375 In:166.975 PL:136.5
> Out:165.1625 In:164.425 PL:none
>Justice Dept (FBI) Out:167.4375 In:162.7375 PL:167.9
>FAA Out:172.925 In:169.325 PL:136.5
>Treasury Dept (Customs) Out:165.2375 In:166.4375 PL:100.0

Do these repeaters have autopatches?

Jeff NH6IL

475. Kevin Mark Wong

Newsgroup: rec.radio.scanner
Date: 1995-01-12 04:18:48 UTC
From: kfisher@freenet.edmonton.ab.ca
Message-ID: <3f2aj8$as7@news.sas.ab.ca>
Source record: 263019
Cross-posted to: rec.radio.scanner,alt.radio.scanner

This may be a little unusual,however I am in a corner. I am looking to contact Kevin Mark Wong. I have been attempting to contact him by email but they have been coming back.

I am interested in talking to him in regards to a previous post, if he may read this I would appreciate a email message or a call.

I can be contacted at (403) 486-7825 or at kfisher@freenet.edmonton.ab.ca

Thanks Kevin Fisher VE6KEV

476. Re: San Diego Help...

Newsgroup: rec.radio.scanner
Date: 1995-01-12 04:31:06 UTC
From: jconnors@ix.netcom.com
Message-ID: <3f2baa$hdu@ixnews3.ix.netcom.com>
Source record: 262989

In <3f06ro$d5a@news.nevada.edu> andersor@nevada.edu (RICHARD ANDERSON) writes:

>
>Planning a trip to San Diego soon, would like to know if there are any
>good places to get freq's other than Rat Shack. Thanks!
>
>Richard
>

Richard:
You might try RadioSport BBS in San Diego at 619-279-3921. They have a scanner conferance and scanner freqs for download.

Joe

477. Re: Best Scanner BBS Anywhere...

Newsgroup: rec.radio.scanner
Date: 1995-01-12 07:50:04 UTC
From: murple@clark.net
Message-ID: <3f2mvc$cv9@explorer.clark.net>
Source record: 262990

achern@io.avl.umd.edu (Alex Chernyakov) writes:

>Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:
>: Hmmmm....Sounds nice..but my telephone company says they ain't heard
>: of no (360) area code. no can do from here.......

>That's because it's an illegal area code. All area codes have a middle
>digit of 1 | 0.

>-Alex.

Not any more... the fone companies have begun phasing in area codes with numbers aside from 1 or 0 in the middle... but at any rate, just use 206 to reach this BBS.

478. Re: Best Scanner BBS Anywhere...

Newsgroup: rec.radio.scanner
Date: 1995-01-12 08:11:54 UTC
From: jdnails@best.com
Message-ID: <3f2odt$hqi@news1.best.com>
Source record: 262992

jcosiman@clark.net (JMConsulting) wrote:
>Scanware Associates (scanware@myhost.subdomain.domain) wrote:
>: Check it out!
>
>: The ScanWare BBS in Port Orchard, WA (near Seattle).
>
>: (360) 871-4591 (9600-28800 bps, 8N1)
>: (360) 871-4228 (1200+ bps, 8N1)
> ^^^^^
>Should this be 206?

*** Yap, (206) I called it today, Not a bad bbs et'all
>
__Snippage__

JD

---
jdnails@best.com___jdnails@aol.com____jackers@baudbbs.com
\ / \ / \
| (*) (*)
Freedom\\Not Free any more, | /
you need to buy it now. | <
| _____/
ftp://ftp.best.com/pub/jdnails /

479. AR8000 hypothetical cell unblock

Newsgroup: rec.radio.scanner
Date: 1995-01-12 09:53:48 UTC
From: tharn@beringa
Message-ID: <3f2u7c$j7e@data.interserv.net>
Source record: 262829

Hi...let me propose a hypothetical way to unblock an AR8000 (US) for cellular.

Now let's just say "Collin" in London has an unblocked AR8000 with no gaps...and he downloads his entire radios bandplan into a file and posts it on the net...now let's say that "Skippy" in Seattle takes this file and loads it into his blocked radio...could he in fact "clone" his radio into an exact copy of "Collin's" radio? If this is possible are there any "Collin's" out there who would be willing to do this?

Just wondering.......

480. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-12 11:04:58 UTC
From: kjn@netcom.com
Message-ID: <kjnD2AHGA.333@netcom.com>
Source record: 262857

Southern Boy says:
" So it turns out she is playing both of us and I couldn't deal with that. I
" don't know exactly how to deal with having that kind of information and I have
" considered getting rid of the scanner.

Hummmm, Bad idea... Kind'a falls in the realm oif "don't shoot the
messenger".

" On the other hand, this is actually
" information I need to know if she's just playing with me (I thought we were
" serious). Nonetheless, I broke it off with her that evening and we haven't
" seen each other since.

" I guess we are only breaking into some of the ramifications of
" telecommunications in the hands of individuals. At what point are you
" "checking up" on someone? There have been incidents in the news recently of
" people stalking others via e-mail, can one be guilty of the same by listening
" to cordless or cellular calls? Where's the line? I'm angry at her, but at
" the same time I feel guilty for having listened to her private conversation
" without her knowledge. I actually apologized to her for that and the way I
" handled it.

Now wait a sec. Let me get this straight. You date a lady (loosely
defined, of course). She's cheating on you with a married guy. You happen
to pick her up on one of the hundreds of channels. You feel like you've
been hosed upon. And then YOU apologise...

Get a clue! Whoever taught you to dump guilt in the wrong place certainly
did a wonderful job! Mistake No. 1, be *thankful* she's outta here. Good
ridance to bad rubbish. It would be one thing if she was tormented by
having to make a choice between two wonderful guys but it sounds like she
was dis'in you pretty good to the other guy. Smile, wave, and say Bye,
Bye to the B....! Have the scanner bronzed...

-Ken-
--

481. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-12 11:38:35 UTC
From: kjn@netcom.com
Message-ID: <kjnD2AJ0B.4J0@netcom.com>
Source record: 262847
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

To: hall@macs.mxim.com (Hal Lillywhite)
Subject: Re: 2-meter HAM vs. Cellular
Newsgroups: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600
Organization: Public Seismic Network, San Jose, Ca.

" In article <kjnD2848o.Gy6@netcom.com> kjn@netcom.com (Ken Navarre) writes:
" >If you want to reduce part of the problem use a commercial grade
" >(type approved) radio for the ham band rather than a modified ham radio
" >on the pub safety band.
[snip]
" That certainly gets you around some (but not all) legal difficulties,
" and it would work. The biggest problem is that as far as I know
" there is no type accepted radio available anywhere which is very
" convenient for the kinds of things hams like to do.

Too true. They are MUCH less flexible than the ham radios that are
designed with convenience of channel switching in mind.

" The type
" accepted radios I'm familiar with (primarily the Icom H16) will work
" but they are clumsy to program. If you go to a different area and
" need to change repeater frequencies you face a non-trivial task.
" They are useful for somebody who is both a ham and in search and
" rescue.

Yep!

" In my opinion, if the only reason you want this is in case of
" emergency when you might want to transmit on a public safety
" frequency, then you would be better off using a modified ham radio.

I agree. If it is an *emergency* the FCC says (said) you could use any
means to communciate. Some agencies have taken exception to that...
Consider the worst that could happen would probably be loss of the radio.

" Such transmissions are allowed in emergencies although apparently
" there are government officials who don't like it so you may have to
" defend yourself.

Namely, San Diego County Sheriff and District Attorney.

" Just make sure it is a real emergency and that no
" other means of communication is available to deal with it.
Good advice.

Richard A. De Castro says:
RE: ELTs
" Having found over 1,000 elts (almost all as a CAP member, Mission Pilot,
" Ground Team Leader, Ground Operations Officer, Mission Coordintor, Wing
" Ground Operations Officer, Deputy Director of Emergency Services, etc)
" that's still not a good idea, for the reasons I said. There's no good
" chance that (without an idication of a missing aircraft) that a mission
" would get started - even more these days.

I don't know. They seem to keep you guys busy chasing down the ones that even show up in urban areas... like, in some pilots garage when he drops the box that contains the ELT and has neglected to take the batteries out. Or, around the airfield when someone tosses luggage against the TEST switch... I know if I have one and am down in the back country with no communication you can just bet I'll turn it on and hope for the best.

" If you're ever in Virgina, stop in at the (new) Rescue Coordination
" Center at Andrews AFB ?

Ahhhh, they finally moved out of Scott, eh? That was quite a place...

regards;
Ken Navarre
KC6IFF
--

482. Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-12 11:39:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.796.352.0ND9E8FD@exnavy.esnet.com>
Source record: 262997

LW> I know that some states have passed laws that prohibit the use of
LW>scanners in an automobile. I have also heard from a couple of people that
LW>Amateur Radio Operators (HAMS) are exempt from all scanner laws including
LW>this law. Is this true? Is it a federal or state exemption? What other
LW>laws are HAMS exempt from?

The federal exemption pertains to TRANSCEIVERS that can receive out of
band frequencies, NOT scanners.
---

483. Recommendation Please

Newsgroup: rec.radio.scanner
Date: 1995-01-12 11:39:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.797.352.0ND9E8FE@exnavy.esnet.com>
Source record: 262998

>I need recommendation on what scanner to buy for under $200. Is it worth
>spending
>more money for the 200 or 400 channels? Are there any difference in terms of

>coverage between 100, 200, and 400 channels?

>Any info is greatly appreciated.

I won't get into any specifics, but just let me say that you should buy
a scanner with BANKS. Usually they come with 10 of them. You can fill
one with police freqs, one with fire, one with state police, etc. The
YOU decide what you want to hear, and what you DON'T want to hear. I
have one without banks, and I'm continually locking and unlocking
frequencies, because if I don't it goes through them ALL all of the
time and it stops on stuff you don't want to hear at the time.

As I said, most come with 10 banks regardless of the total number of
channels. My Pro 34 has 10 banks of 20, my Pro 2006 has 10 banks of 40.
The extra 200 channels aren't as usefull as they would be if I had 20
banks of 20. I heard Radio Shack was coming out with one that has 1000
channels, you guessed it! 10 banks of 100. Oh well.

If the police in your area are in the 800 mhz band and you want to hear
them, of course you'll want one that covers that band. If you do this,
I'd suggest saving and buying a TRIPLE CONVERSION scanner. Otherwise,
those @#$&^%* cellulars will be bleeding in on the police freqs. My 34
is horrible in this respect. I suppose if you WANT to hear cellular,
this MIGHT be a plus!
---

484. Re: SF Bay Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-12 11:42:01 UTC
From: kjn@netcom.com
Message-ID: <kjnD2AJ61.4o9@netcom.com>
Source record: 262865

R. Scott V. Paterson says:
" Anyone have a SF Bay Area frequency listing they can send or where I can
" get one?

Scanners Unlimited, Laurel Ave. San Carlos, Ca. (try 415-555-1212 since I
don't have the number handy)
Ask for Robert Keilty's book that covers the 9 Bay Area counties.

Ken Navarre
--

485. Re: freq's on web WWW

Newsgroup: rec.radio.scanner
Date: 1995-01-12 12:18:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.59.000C4EBA@ccm.hf.intel.com>
Source record: 263014

In article <D27MK1.9IK@boi.hp.com> jqtaylor@boi.hp.com (John Quill Taylor) writes:

>are their any freq listings available for various cities on the
>web yet? will the fcc web server have such in the future?

Radio Related Internet Sites

Please send updates and corrections to:
brett_miller@ccm.ut.intel.com

World Wide Web
---
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggins

FTP
---
ftp.cdrom.com /pub/hamradio/
oak.oakland.edu /pub/hamradio
ham.eetech.mcgill.ca /pub/ham-radio
bubba.business.uwo.ca /mods
garfield.catt.ncsu.edu /pub/hamradio
ftp.sunet.se /pub/radio
ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
mgate.arrl.org ARRL FTP site
ftp.cs.buffalo.edu /pub/ham-radio
ucsd.edu /hamradio
unbc.edu /ampr

tandem.com /hamradio
nic.funet.fi /pub/ham
ftp.demon.co.uk /pub/ham/mac - MAC stuff
grivel.une.edu.au /ham-radio
rtfm.mit.edu /pub/usenet/news.answers/ham-radio - Radio FAQs
ftp.qrz.com /qrz - QRZ CD-ROM files (no callsign database)
archive.afit.af.mil /pub/space/amateur.tle - Keplerian Elements
ftp.crl.com /user/ro/vhealey/www (use WWW viewer for HTML docs)
scitsc..wlv.ac.uk /pub/hamradio - UK ham radio stuff, buffalo mirror
ftp.iea.com /pub/borg/hdn - Ham Distribution Network site
wb3ffv1.sed.csc.com /ham

E-Mail servers
---
ftpmail@exchange.tlh.fl.us - get INDEX.TXT
qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
callbook@n8emr.cmhnet.org - Callsign server
wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mail-server@rtfm.mit.edu - put help in the message body

Gopher
---
gopher.switch.ch /11/misc/faq/faq-dir FAQs
hamster.business.uwo.ca (129.100.89.100)
gopher.cic.net /11/e-serials/general/radio
scitsc.wlv.ac.uk /11/pub/hamradio
yfn.ysu.edu /11/public/sigs/ham
gopher.fcc.gov

USENET
---
alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
alt.cellular - (I've never seen any cellular related traffic yet)
alt.radio.pirate - Pirate radio station topics
rec.antiques.radio+phono - Antique radio & phono topics
rec.radio.amateur.antenna - Antenna related topics
rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
rec.radio.amateur.misc - Main newsgroup for Ham radio topics
rec.radio.amateur.digital.misc - Digital communications (including Packet)
rec.radio.amateur.homebrew - Make your own radio equipment
rec.radio.amateur.packet - (not used any more?)
rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
rec.radio.amateur.space - Ham radio & space communications
rec.radio.broadcasting - AM & FM broadcasting
rec.radio.scanner - Monitoring above 30 MHz
rec.radio.shortwave - Monitoring below 30 MHz
rec.radio.swap - radio related sales & swap topics
rec.radio.cb - Citizens Band Radio topics
rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

486. Re: Legality of Posting Mods and Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-12 12:33:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.60.000C8DA8@ccm.hf.intel.com>
Source record: 263016

In article <3f0mvj$kn4@homer.alpha.net> damoro@execpc.com (damoro) writes:
> Am new to this group. Was wondering if it is legal to
>publicly post frequency lists and/or mods, or do you have
>to be discrete about it?

>Thanks in advance for any advice,
>D. Moroder

There is no problem with posting frequencies, mods, etc. because they are public knowledge (i.e. not the creation of certain individuals). In the case of Mods, since some people spend a lot of time discovering them, it is always a good idea to post the source. If for example, you have Bob Kelty's frequency directory on floppy, it would not be proper to post that information as it appears on disk.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

487. Scanner Resale Prices

Newsgroup: rec.radio.scanner
Date: 1995-01-12 12:43:27 UTC
From: bnx@aol.com
Message-ID: <3f385f$m4e@newsbf02.news.aol.com>
Source record: 262927

I have a Pro 43 and a Pro 2026 (volitile memory) that I want to sell. My Yupi and 2006 seem to cover my needs. Both units have been modified for continous 800 mhz coverage. My question is.... what can I expect to get for these. The 43 appears to be selling in the $250 range but what about the 2026? Any help, comments, or buyers out there? Buyers replay via Email.

488. Re: Unsubscribe

Newsgroup: rec.radio.scanner
Date: 1995-01-12 12:48:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.61.000CCD70@ccm.hf.intel.com>
Source record: 263017

In article <3euijm$gpi@redstone.interpath.net> grove@mercury.interpath.net (Bill Grove - Grove Enterprises) writes:

>I subscribed to this area before I knew how to read the newgroups. Could
>someone please tell me where I UNSUBSCRIBE so that I can just read the
>newsgroup and not get duplicates of all these messages to my private mailbox.

You need to remember where you sent the original subscribe request. There are a number of places that do this (mostly universities that come to mind). They are the ones that need to receive your unsuscribe message. Most likely it will require you to send an e-mail to a special address.

PS - Nice to know you're still out there. I hope r.r.s has some positive impact on Grove and MT.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

489. Re: ALS & BLS emergencies?

Newsgroup: rec.radio.scanner
Date: 1995-01-12 13:04:50 UTC
From: Brian Heath <heathbar@cyber1.servtech.com>
Message-ID: <3f39di$8oh@uhost1.servtech.com>
Source record: 263000
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> tyson@cpcug.org writes:
> Here in the DC area, I keep hearing ambulance calls for ALS and
> BLS emergencies.
>
> From what I hear, ALS seem to be life threatening conditions
> (heart, breathing, dizziness, etc.), and BLS seem to be
> injuries. None of the reference books I have have ALS or BLS in
> this context (BLS=Bureau of Labor Statistics..., but I don't
> think these ambulances are responding to statistical emergencies
> <g>).
>
> So, what are ALS and BLS?

You basically have the idea -- ALS (Advanced Life Support) calls are for any medical emergencies that might require the services of a paramedic or an EMT who can do ALS procedures (give drugs, start airways, use the defibrillator to shock a heart, etc). When a call even appears to have the potential to need ALS -- an ambulance or separate "fly-car" with a paramedic or ALS EMT is almost always dispatched. ALS calls include cardiac problems, breathing problems, pregnancy complications, diabetic problems, traumatic injuries such as MVAs and shootings -- like you said, anything life-threatening.

BLS (Basic Life Support) calls are non-life-threatening injuries -- a broken leg, "I've fallen and I can't get up", etc. This refers to the transport of the injured person, be it ALS or BLS. In many areas (like upstate New York) -- a volunteer ambulance corps will provide the "BLS" (basic medical care and transport to the hospital) and a separate vehicle will provide the ALS -- or they can be on the same rig.

~~~~~~
Brian Heath heathbar@cyber1.servtech.com
Rochester NY "Brighto! Brighto! Makes old bodies new!
Net Surfer, Photojournalist. we'll sell a million bottles
woo woo woo woo woo woo woo!!!!"
-- The Three Stooges
~~~~~~

490. Re: Price for unblocked AR8000?

Newsgroup: rec.radio.scanner
Date: 1995-01-12 13:54:23 UTC
From: gdallal@world.std.com
Message-ID: <D2ApAn.2yJ@world.std.com>
Source record: 263001

Dan Fleming (dfleming@earth.execpc.com) wrote:

: I paid 612 pounds sterling and that works out to around 635 or so I think.
^^^^^^^^^^^^^^^^^^^ ^^^[US]

I knew the British economy wasn't that great, but I didn't think it could
be *that* bad!

491. Re: The FCC is among us now

Newsgroup: rec.radio.scanner
Date: 1995-01-12 14:01:51 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.222.00080829@chevron.com>
Source record: 263002

In article <3f0sa2$4hu@kla.com> tree@kla.com (Vertically Enhanced) writes:

>Why do I have this nagging suspicion that I'm going to get a visit
>sometime soon because of this post??? ===8^|

Because you are paranoid - but that doesn't mean they are not out to get you.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

492. Tropez Platinum

Newsgroup: rec.radio.scanner
Date: 1995-01-12 14:50:12 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.257.002A63FA@mail.mei.com>
Source record: 262737

Tropez "Platinum" 900 MHz digital cordless phone.
$399.00 at "Office Depot" here in Milwaukee.

Has anyone purchased this baby yet?

Digital 900 MHz and a keypad that beats the hell out of the
original Tropez. Looks well built. Anybody have any
comments on the audio quality??

---

kevin.jessup@mail.mei.com
marquette electronics, inc
milwaukee, wi 53223

493. AR1000XLT. Any good?

Newsgroup: rec.radio.scanner
Date: 1995-01-12 15:06:33 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.258.00395BDB@mail.mei.com>
Source record: 262738

Well, I've managed to hold off on a handheld new scanner purchase since I sold my Uniden 200XLT over two years ago.

I'm considering the AR1000XLT. How good a scanner is it considering the $400+ price (from Tucker)? Is the 1000 too dated already?

Also, the new Radio Shack line looks very "PLASTICY" and breakable.

What about the NEW Uniden handhelds? Bad intermod? Too many birdies??

Why doesn't anything look as rugged as the OLD Uniden handheld line? BTW, the AOR8000 is a bit too pricey for me.

Also, I saw the recycled Rat Shack PRO-51 back on display as an unadvertised special for $199.00. The sales droid said they were modified to eliminate the cellular workaround that everyone here already knows about.

---

kevin.jessup@mail.mei.com
marquette electronics, inc
milwaukee, wi 53223

494. Small Mobile Antenna for BC350A

Newsgroup: rec.radio.scanner
Date: 1995-01-12 16:05:34 UTC
From: Pete Gifford <pgifford@admin.alleg.edu>
Message-ID: <Pine.ULT.3.91.950112110115.13321A-100000@admin.alleg.edu>
Source record: 263003

I have been off this group for a while, but I got my BC350A for Christmas. Now I am looking for a small, magnetic mount antenna for mobile use. Any suggestions? Any at Radio Shack?

Pete Gifford
Allegheny College Systems Manager
pgifford@admin.alleg.edu (814) 332-2755

495. Re: Kevin Mark Wong

Newsgroup: rec.radio.scanner
Date: 1995-01-12 16:43:16 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3f3m74$17s1@quartz.ucs.ualberta.ca>
Source record: 262867
Cross-posted to: rec.radio.scanner,alt.radio.scanner

kfisher@freenet.edmonton.ab.ca wrote:
> This may be a little unusual,however I am in a corner. I am looking to
> contact Kevin Mark Wong. I have been attempting to contact him by email
> but they have been coming back.

Here I am. Let's continue this via e-mail if possible.

496. a good Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-12 16:44:36 UTC
From: phantom@dei.unipd.it
Message-ID: <3f3m9k$jav@maya.dei.unipd.it>
Source record: 263004

Which is a good (not expensive) scanner for a novice?

....Thank you very much

497. >>> WORCESTER, MA Radio Group <<<

Newsgroup: rec.radio.scanner
Date: 1995-01-12 17:26:52 UTC
From: rbellville@aol.com
Message-ID: <3f3oos$nme@newsbf02.news.aol.com>
Source record: 263005

ATTN: Radio Enthusiasts in the Worcester County area...

I am assembling people to form a local group that caters to various types of radio communication activities (scanning, shortwave listening, ham radio, etc.). This group, among other things, would help disseminate info about local frequencies and help newcomers with their questions. A regular newsletter publication is planned as well as a informal two-way radio notification system that will alert members to hot and interesting action happening over the airwaves.

I'm looking for hams, CB'ers, public safety folks, and anyone else who has an interest as well as anyone who wants to get started but needs more information. Needed are people who can ask questions, have radio-related problems or ideas, can contribute info, and/or share their knowledge and experience.

If you are interested in radio, whether an expert or a novice, please contact me and help form this local group. Let's get some local activity going so that we all get more enjoyment out of it!

THANKS!

Rob Bellville, N1NTE
(rbellville@aol.com)
PO Box 515
Millbury, MA 01527-0515

Please feel free to forward this message to anyone you feel may be interested.

498. Mods for PRO-2032

Newsgroup: rec.radio.scanner
Date: 1995-01-12 17:44:09 UTC
From: ChristopherCasson@upl.com
Message-ID: <3f3ppa$qba@uplherc.upl.com>
Source record: 263007

Hello to All,

I'm new to the Internet, so I please forgive me if I commit a "no-no". I'm trying to learn to do's and don't's as quick as possible.
Would anyone know if a Pro-2032 can be modified. Here are the particulars on my unit Pro-2032, model# 20-409, FCC ID# AA020-409, sticker # 2A4.

Any guidance on the above, whould be appreciated.

Thank you!!!

Chris

499. PRO-34

Newsgroup: rec.radio.scanner
Date: 1995-01-12 17:51:01 UTC
From: YGFD92A@prodigy.com
Message-ID: <3f3q65$5ila@usenetp1.news.prodigy.com>
Source record: 263008

I would like information on how if possible to restore the cell frequencies, and if there is a way to add the UHF military air band (200-400MHz). Also is there a way to make the scanner scan faster?

Thanks,

Scott

500. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-12 18:12:11 UTC
From: domonkos@access.digex.net
Message-ID: <7uM5liubGs$B066yn@access.digex.net>
Source record: 262926
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <3f1alp$l5a@macs.mxim.com>, Hal Lillywhite wrote:
> In my opinion, if the only reason you want this is in case of
> emergency when you might want to transmit on a public safety
> frequency, then you would be better off using a modified ham radio.
> Such transmissions are allowed in emergencies although apparently
^^

Not so. Several amateur operators have found themselves in deep sh-t
with the FCC and local law enforcement after making emergency transmissions
in life or death cases. It's ashame but it's the law. Can't give everyone
the right to use public service frequencies, too great a chance for
chaos in time of emergencies.

If you want emergency comms, get a cellular phone cheap, or one of these
specials with limited service. Let the service expire (3 months to a year
depending on who the provider is) and keep the phone. Dialing 911 will
always work, whether you're subscribed or not. This is a result of legal
action several years ago during an emergency.

> there are government officials who don't like it so you may have to
> defend yourself. Just make sure it is a real emergency and that no
> other means of communication is available to deal with it. If you
> save a life you are probably OK. If the victim dies in spite of
> your efforts some jerk is likely to see if he can nail you. An
> available amateur repeater which you could have used is probably all
> he would need to get a conviction. Theoretically he could nail you
> even for saving a life if other communication was available.
> However a life saved goes a long way with any jury so you would have
> a good chance of getting off.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

To be seen...

Andy

501. Military Aircraft Mod for Pro-39

Newsgroup: rec.radio.scanner
Date: 1995-01-12 18:25:06 UTC
From: dogruen@sdrc.com
Message-ID: <3f3s62$qlu@info1.sdrc.com>
Source record: 263009

I have a Pro-39 scanner that has been modified to receive the
cellular frequencies (though I certainly don't listen to them)
and I am interested in receiving military aircraft transmissions
but my scanner doesn't pick-up those frequencies. Is there a
modification to allow my scanner to receive them?

Secondly, has anyone purchased the RadioMap produced by Bob
Parnass? I would like to hear what you though about the map
you received.

Thanks for the advice!!!

-Bob

PS. I would really appreciate email in addition to a post if possible...

--
Bob Gruen
Robert.Gruen@sdrc.com |
Structural Dynamics Research Corporation +--=oOo=--+
2000 Eastman Drive
Milford, Ohio

502. Help,my pro -43 has an "a",Can it be modified

Newsgroup: rec.radio.scanner
Date: 1995-01-12 18:48:51 UTC
From: johnaa@qualcomm.com
Message-ID: <johnaa-120195104851@129.46.9.90>
Source record: 263010

It looks like I have one of the un-modifiable pro-43...
Has anyone figured out how to impliment all of the existing
mods to the pro-43 with the "a" nominclature on the Fcc#..

Thanks in advance,
John Anderson

503. Re: Security in Trunking Systems (?) The Facts!!

Newsgroup: rec.radio.scanner
Date: 1995-01-12 19:47:51 UTC
From: <>
Message-ID: <3f4117$ea6@wizard.uark.edu>
Source record: 263011

brian varine <varine@ece.orst.edu> writes:

>On Sun, 8 Jan 1995 an149095@anon.penet.fi wrote:

>> Once again, there seems to be a lot of BAD information going around about
>> a lot of different types of communications system operations. Know what you
>> are talking about before you make a STUPID statement like "The scambling
>> procedure takes place by the Motorola's Central Controller". Congratulations
>> you just made the #1 position on my 1995 uniformed stupid statements list!.
>
>Hmmm. Motorola told Portland PD that their 800 system would never fail.
>Guess what? It has, numerous times. Leaving all public saftey using
>400MHz pac-sets. Florida has had a lot of problems too. So in thre

Why are you having difficulty accepting the fact that salesmen lie?

As the followup points out, and as I have experienced in several places,
everyone that *uses* (not installs/maintains/specs, mind you, tho' I bet
many in those categories are under the same impression) a trunked system
thinks that their system is totally unreceivable by mere mortals.
Fortunately, they're wrong.

The other funny thing is that the same folks think that if there are 20
talkgroups/fleets on their 5 pair system, then by god, there are 20
channels. True, in a sense, most of the time. But when The Big One (tm)
hits they soon find out what busy tones sound like ... :-)

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

504. Thanks: re/alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-12 20:00:26 UTC
From: MHz@bitstream.mpls.mn.us
Message-ID: <1081536478.5742015@bitstream.mpls.mn.us>
Source record: 263012

Thanks to all who responded, and there were a number of you! The mystery was solved by connecting @ 300 baud. It was that simple.

505. Bay Area Frequency Directory

Newsgroup: rec.radio.scanner
Date: 1995-01-12 20:10:43 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3f42c3$7n7@dcsun4.us.oracle.com>
Source record: 263013

kjn@netcom.com (Ken Navarre) wrote:
>
> R. Scott V. Paterson says:
> " Anyone have a SF Bay Area frequency listing they can send or where I can
> " get one?
>
> Scanners Unlimited, Laurel Ave. San Carlos, Ca. (try 415-555-1212 since I
> don't have the number handy)
> Ask for Robert Keilty's book that covers the 9 Bay Area counties.
>
> Ken Navarre
> --

Scanners Unlimited's phone number is (415) 573-1624.

The directory is called "Bay Area Frequency Directory" and lists many law enforcement, fire, and local government frequencies (like Public Works and Parks and Rec.) for the State of California and the following counties: Alameda, Colusa, Contra Costa, Marin, Monterey, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, Stanislaus, and Yolo.

For each county, the directory lists county and city frequencies.

I bought the directory about 3 weeks ago but I don't recall the price.

-Randy Duran
rduran@us.oracle.com

506. Metro Traffic Frequency

Newsgroup: rec.radio.scanner
Date: 1995-01-12 20:33:54 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3f43ni$7n7@dcsun4.us.oracle.com>
Source record: 262929
Cross-posted to: rec.radio.scanner,alt.radio.scanner

DPalmer@ix.netcom.com (David Palmer) wrote:
>
> In <3evre9$cmu@floyd.santarosa.edu> jthompso@nermal.santarosa.edu (John
> Thompson) writes:
>
> Try some of these, list is a bit old, judging by some of the call
> letters.
>
> San Francisco Bay News Media Frequencies
>
> 450.0625 Metro traffic news/ Press common

I haven't tried the other freqs, but this one is still correct. In the last few days there's been quite a bit of traffic on that frequency.

I hear live helicopter traffic reports and radio weather reporters recording their unedited traffic reports that are later edited and broadcast.

Listening to this frequency is just about the best way to get up-to-the-minute traffic reports during your commute.

Randy Duran
rduran@us.oracle.com .

507. Re: Help,my pro -43 has an "a",Can it be modified

Newsgroup: rec.radio.scanner
Date: 1995-01-12 20:59:10 UTC
From: heglowstein@bix.com
Message-ID: <3f456u$7n@news1.delphi.com>
Source record: 263018

johnaa@qualcomm.com (johnaa@qualcomm.com) wrote:
: It looks like I have one of the un-modifiable pro-43...
: Has anyone figured out how to impliment all of the existing
: mods to the pro-43 with the "a" nominclature on the Fcc#..

: Thanks in advance,
: John Anderson
I've been told that all of the audio, beep and channel enhancement
mods work fine on that version. The only one that is said not to
work is the cellular band unblock mod.

508. Pro-43 Quest

Newsgroup: rec.radio.scanner
Date: 1995-01-12 21:07:38 UTC
From: Nathaniel <72300.2260@CompuServe.COM>
Message-ID: <3f45mq$1s0$1@mhadf.production.compuserve.com>
Source record: 262932
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have heard that you can still modify the Radio Shack Pro-43.
Is this true, and if so what would I have to do to modify it?
Reply via E-Mail if at all possible, Thanks.

509. Re: Is Rat Shack Pulling my...

Newsgroup: rec.radio.scanner
Date: 1995-01-12 21:24:29 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3f46md$227$1@mhadf.production.compuserve.com>
Source record: 263020

That's correct about the 7A4 one. In fact, I was the first one in the country to realize that the 8A4 didn't work. (I called Howard Bornstein, who called MT to tell them to add an adendum in the newest MT about that.) <g>

-Jeff

510. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-12 21:28:02 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3f46t2$227$2@mhadf.production.compuserve.com>
Source record: 263021

The bizarre part is having a 30kHz indication on the display at all! After all, aside from this country, where else do they use that step? Remember, this isn't the same display as on the Pro2006, so it wasn't like they just carried over the old display.

511. Re: Florida Scanner Laws ???

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:04:58 UTC
From: sbradley@freenet.vancouver.bc.ca
Message-ID: <3f492a$si1@freenet.vancouver.bc.ca>
Source record: 263022

Jim Gillespie (jrg@digital.net) wrote:
: Does anyone know what the laws are in Florida re: using a portable
: scanner in your car ? how bout a bicycle ? or a boat ? or on foot
: outside of your home ?

Yes, legal using in the car, if used on batteries and with a portable exterior antenna (hang on window type, not permanent mount!) Legal on a bicycle, legal in a boat, and can be legally carried in your hand.

--
Steven G. Bradley

Internet: sbradley@freenet.vancouver.bc.ca

512. Mods for Icom IC-R1

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:11:30 UTC
From: lwf69@aol.com
Message-ID: <3f49ei$po9@newsbf02.news.aol.com>
Source record: 263023

Does anybody have any mods for the Icom IC-R1? Anything like more channels, faster scanning, computer interface, etc. Anything useful! Please mail me privately at lwf69@aol.com as I do not get on the newsgroups often.

Thanks
Larry

513. Wanted: Pro 2006

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:12:23 UTC
From: schriber@crash.cts.com
Message-ID: <schriber.789948743@crash.cts.com>
Source record: 263024
Cross-posted to: rec.radio.swap,rec.radio.scanner

Wanted:

I have a friend who's looking for a Radio Shack Pro 2006 scanner. Please
e-mail offers if you're looking to sell.

Thanks!

Mike Schriber
schriber@cts.com
(619)597-0078

514. NS and CSX RR Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:19:25 UTC
From: guyever@aol.com
Message-ID: <3f49td$ppm@newsbf02.news.aol.com>
Source record: 262825

Anybody got a real up to date list of freqs for these two railroads. Am particularly interested in Atlanta, GA area. Have my scanner programmed for all of the AAR channels, but some transmissions do not seem to match my descriptions ie. what I think is a car inspector turns out to be a PBX.

Thanks,
Guy KC4NQU

515. Wanted: Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:25:29 UTC
From: lwf69@aol.com
Message-ID: <3f4a8p$pro@newsbf02.news.aol.com>
Source record: 262828

Wanted to buy: a cheap (but decent) frequency counter.

Mail lwf69@aol.com

Thanks!

516. Re: Florida Scanner Laws ???

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:32:35 UTC
From: habu@gate.net
Message-ID: <3f4am3$23ft@tequesta.gate.net>
Source record: 262830

Jim Gillespie (jrg@digital.net) wrote:
: Does anyone know what the laws are in Florida re: using a portable
: scanner in your car ? how bout a bicycle ? or a boat ? or on foot
: outside of your home ?

Car No
BIKE ok
Boat ?
Foot\Home ok

Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

---

517. Re: PRO-46 New Mod - Simpler Mod for 'Unmodifiables'

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:33:00 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3f4ams$4v4$1@mhadg.production.compuserve.com>
Source record: 262831

I can't wait to see if the same brown wire can be snipped in the latest Pro51s!

518. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:44:00 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <789950640.147snx@n2ayj.overleaf.com>
Source record: 262832

In article <3eptg9$1okk@yuma.ACNS.ColoState.EDU> mharsch@lamar.ColoState.EDU writes:
>
> I know that some states have passed laws that prohibit the use of
>scanners in an automobile.

New Jersey's law was recently changed from prohibiting use of scanner in
a car without a permit to prohibiting making use of information heard
on a mobile scanner to commit a crime or elude capture.

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com
"Well, I think so, Brain, but if we didn't have ears, we'd look like
weasels." - Pinky

519. Interference is Killing Me!

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:44:54 UTC
From: sjp117@psu.edu
Message-ID: <sjp117.8.2F15B0E5@psu.edu>
Source record: 262833

I am curious if anyone has any suggestions or experience with the problems I am having. I go to school in State College, PA. (very rural) and live permanently in Boston, Ma. (very urban). During breaks I lug my five scanners back and forth between states to keep in touch with my surroundings. My scanners include a Bearcat 760, 200, & MR8100 and Radio Shack 2004 & 2026. They are used in a combination of home and vehicle setups.

In PA my reception is good and interference is almost non-existent. Then again there isn't that much to monitor.

In Boston the interference is crippling. I live (straight line) less than 2 miles from downtown Boston and 1 mile from the Logan Airport Control Tower. My situation is this:

My VHF-HI (153-160) reception is interfered with by airport coms.
My UHF (460-470) reception is blown away by what seems to be pagers and news station trucks.
My UHF-T (470-490) reception is blown away news trucks and other businesses
My VHF-Lo (30-50) works fine, too bad only the state pd use it ;-)

Now I have figured out that I am often times getting the harmonics of 10.8 and 21.6 MHz, and that it is causing this problem. But why so terrible? It even happens when I take the antennas off the radio and run at full squelch.

The Pro-2026 filters out this problem best (assisted by 10db attenuator switch), but has annoying and loud squelch tail. The BC 760 works o.k. and slightly better with the CTCSS board. Sometimes the interference even gets by the CTCSS board and opens squelch. The BC 200 is worse and the PRO-2026 is horrendous, almost unusable above 450 MHz.

All of the radios are prone to short bursts of interference, sometimes analog, sometimes digital, sometimes both at the same time. Usually a rushing sound with tones and a voice. Driving by the airport sounds like a machine gun fight inside my car :-(

Is there any hope? How do agencies such as Boston Police and agencies around the airport avoid this interference? Are their radios that much better than scanners? Would low end proffessional radios work better than high-end scanners? Is there any hope short of encasing my radios in a lead display case?

Any suggestions, sympathy or comiseration appreciated?

Steve

P.S. How do you folks in NYC, Chicago and other big cities cope?

520. UK Scanner users

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:50:25 UTC
From: paul@termcon.demon.co.uk
Message-ID: <789951025snz@termcon.demon.co.uk>
Source record: 262834

Hi everyone,

I'm looking to set up a small group for passing frequencies
and useful scanner info around the UK via E-mail.

If your interested e-mail me at the address below.
--
****
Paul Jones paul@termcon.demon.co.uk
****

521. Re: Help,my pro -43 has an "a",Can it be modified

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:52:20 UTC
From: gdallal@world.std.com
Message-ID: <D2BE78.Jw@world.std.com>
Source record: 262835

johnaa@qualcomm.com (johnaa@qualcomm.com) wrote:
: It looks like I have one of the un-modifiable pro-43...
: Has anyone figured out how to impliment all of the existing
: mods to the pro-43 with the "a" nominclature on the Fcc#..

I keep telling people to *forget about the A in the FCC id* but some continue to use it, creating confusion such as yours. *All* of the FCC id's contain an A. The nonmodifiable ones have two--the A at the end of the id is what makes it unmodifiable.

A less confusing rule (I've been told it even works for Canadian units that don't have an FCC id) is based on the *serial number*. If the serial number contains an A it is not modifiable; if there is no A in the serial number, it can be modified.

--Jerry

522. Re: San Diego Help...

Newsgroup: rec.radio.scanner
Date: 1995-01-12 22:57:33 UTC
From: bartdoug@acusd.edu
Message-ID: <D2BEFx.5Fq@pwa.acusd.edu>
Source record: 262836

: >Planning a trip to San Diego soon, would like to know if there are any
: >good places to get freq's other than Rat Shack. Thanks!

I just found this book yesterday at the recomendation of my friendly neighborhood Ham Radio Outlet. It's called Scan Fan, and is published by ScanFan Publications. It was $18, but has lots of great information. It is organized by department and has some very good "insider" info. I have been very impressed so far, and a very high percentage of the new frequencies I programmed last night have been coming up today. If there is interest I will post (or mail) a more detailed review after I have used the book for a while.

Happy Scanning,

Doug

--
I would rather be a foolish optimist than a correct pessimist.

523. Re: Best Scanner BBS Anywhere...

Newsgroup: rec.radio.scanner
Date: 1995-01-12 23:39:40 UTC
From: aj725@FreeNet.Carleton.CA
Message-ID: <D2BGE4.FJD@freenet.carleton.ca>
Source record: 262837

In a previous posting, Ki4je (vhealey@crl.com) writes:
>> Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:
>> : Hmmmm....Sounds nice..but my telephone company says they ain't heard
>> : of no (360) area code. no can do from here.......
>>
>> That's because it's an illegal area code. All area codes have a middle
>> digit of 1 | 0.
>>
>>
> I believe you are wrong the entire USA phone system was
> changed Jan 1 1995. Hundreds of new types of area codes.
>
> 73's
> Victor Healey (Ki4je)
>
> Send files and data to my anonymous incoming account via ftp at
> ftp://ftp.crl.com/pub/incoming
> then send a note via E mailto:vhealey@crl.com to move them to the
> AR8000 (The Ultimate Handheld Scanning Receiver) site
> ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
> Remember you can make very descriptive file names with unix file system.

Not just the U.S. phone system, Canada too! Middle digit can now be any
number. That's why you now have to dial area code when dialling long
distance within your own area code.

524. Need Victoria/Canada Freq's

Newsgroup: rec.radio.scanner
Date: 1995-01-12 23:53:11 UTC
From: Unknown
Message-ID: <1995Jan12.235311.10516@sol.UVic.CA>
Source record: 262838

Does anyone know Victoria Canada freq's? Leave them at BGREWAL@HSDCF.UVIC.CA

525. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-12 23:56:05 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D2BH5H.Gq1@nctams1.uucp>
Source record: 262839

Please post more info.

```
*****************************************************************************
*Unless otherwise stated, expressed view are my own. They may not be the *
*opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.*
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
*****************************************************************************
```

526. RS PRO-2030 Info Requested

Newsgroup: rec.radio.scanner
Date: 1995-01-12 23:58:38 UTC
From: Greenberg@aerospace.aero.org
Message-ID: <Greenberg-120195165826@greenberg-t.aero.org>
Source record: 262840

Hi
Would like opinions on the RS PRO-2030. Is it good value and are the specs right for the $? US Radio is asking 169.00 for it. Is it available new, for less? Are there other scanners at this price that offer wider coverage, such as the 200 to 400 mhz range, or with better specs? Any and all opinions welcome.

Thanks
Steve.

527. Want to Purchase AOR AR-8000. Where?

Newsgroup: rec.radio.scanner
Date: 1995-01-13 00:08:15 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3f4g9f$d6e@dcsun4.us.oracle.com>
Source record: 262938
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Any of you know where I can get a good deal on a new or used AR-8000?
I live in California and _may_ choose out-of-state mail order to avoid
sales tax.

I called one mail order company in Dallas that sells them for $649
(US version), and a local shop in CA has the same price (plus tax).

Do you know any reputable mail order businesses that sell the AR-8000
or have you heard of better prices? What have some of you paid for your'.
I also want the RS-232 interface. Dallas' price: $110.

Thanks,
Randy Duran
rduran@us.oracle.com

528. Re: ??????????????????????BC 8500XL..

Newsgroup: rec.radio.scanner
Date: 1995-01-13 00:28:01 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3f4heh$6bd$1@mhadg.production.compuserve.com>
Source record: 262841

Funny Andy... That's what I thought TOO!
CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

529. Re: Speech Inversion Software FTP???

Newsgroup: rec.radio.scanner
Date: 1995-01-13 00:31:39 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <3f4hkr$je0@ornews.intel.com>
Source record: 262842

In article <f45_9501081800@rccons.lm.com>, rccons!rec@telerama.lm.com says...
> bumc> A while ago someone posted that there was a way to use your sound card
> bumc> to de-scramble, speech inversion scambling. AT the time I FTPed to the
> bumc> site but could not fine this software. Does anyone remember the location
> bumc> of the site and has anyone had any luck with this software.
>
>From: I.Wraith@sheffield.ac.uk (IAN WRAITH)
>Newsgroups: rec.radio.scanner
>Date: 28 Nov 1994 05:18:47 -0600
>

Ian and I worked on this one via long-distance email. The utility works fairly well, although if you're
adept at DSP algorithms, you can probably improve it even further. But for what he was wanting to achieve, the results were pretty impressive to me.

Note that the utility inverts stored audio files, and thus will not invert in real-time due to the limits of
the non-DSP SoundBlaster. If anyone knows how to make a SoundBlaster do this in realtime, you
will have the proverbial better mousetrap, and the world may just beat that path to your door...

530. Re: Security in Trunking Systems (?) ..

Newsgroup: rec.radio.scanner
Date: 1995-01-13 00:41:52 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3f4i8g$6bd$2@mhadg.production.compuserve.com>
Source record: 262843

Brian,

OUr city too bouught the GPS sytem along with 800 Mhz units.
The new Chief decided that the GPS was not effective and stopped
replacement in the new cars last year. The City Council told him
otherwise. They said "We paid for it, and we're going to use it"
So 3 million later, we're still up and running.
Our 800 give very little trouble here. As a matter of fact, I
have been on a business sys. since 1991 here. It has failed VERY
FEW TIMES.
The problem is, whichever you buy be it GE or Motherola, once
it's yours IT'S YOURS!!! There in NO changing in mid-stream. I
thing that's why most of these cities are sold hard for the first
batch, after that you're at thier MERCY!
One more thing Motorola is good at.... Do you know that retail
price for a Trunked unit like you city buys is priced at $1295 to
the private sector and $2680 for gov't agencies? What a gouge...
That's why I love those guys so much....
CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

531. Re: trunking??

Newsgroup: rec.radio.scanner
Date: 1995-01-13 00:44:18 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3f4id2$6bd$3@mhadg.production.compuserve.com>
Source record: 262844

Well, to make it short, it is a number (usually in groups of
five) channels that are shared and switched by numerous users so
that they don't receive or trasmit to other users on the same
channels.
The FCC says the minimum load for a trunk sys. is 70 units per
channel. Really just a high dollar busy channel lock out :)
CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

532. Yupi R7100 vs. AOR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-13 00:46:48 UTC
From: rzhou@panix.com
Message-ID: <3f4iho$d0s@panix2.panix.com>
Source record: 262845

does anybody have experience with both Yupi R7100 and AOR8000 scanner?
or does anybody know any article that does the camparison those two ?
thanks in advance..

533. Las Vegas FREQ's

Newsgroup: rec.radio.scanner
Date: 1995-01-13 00:47:14 UTC
From: mineer@nevada.edu
Message-ID: <3f4iii$m8i@news.nevada.edu>
Source record: 262846

Can anyone give me a tip on the good FREQ's in Las Vegas besides what I got in Police Call? PLEASE!!

534. Seattle/King County Trunk Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-13 01:15:06 UTC
From: dskidmo@halcyon.com
Message-ID: <3f4k6u$r46@news.halcyon.com>
Source record: 262848

I noted in a response to another thread that I would post what I have on Seattle and King Co. trunk frequencies.

It appears that Seattle PD/FD have largely moved to their new trunk system. The old 450/460 frequencies are lightly used. The FD is simulcasting their alarm tones and pages to medical consultants on medic runs. Fireground comms appear to all be on the trunk freqs.

King County (in which Seattle is located) has recently licensed some trunking frequencies, but do not appear to be using them yet.

Frequencies follow:

[1/95]

City of Seattle PD/FD/? Trunk Frequencies (Repeater)

851.0875 852.8625
851.1375 852.9125
851.1875 853.3875
851.3625 853.4375
851.4125 853.4875
851.8875 853.6125
851.9375 854.0875
851.9875 854.1875
852.1625* 854.2375
852.6375 854.3625
852.6875

*Has apparently been the control channel continuously for the time I have monitored so far. (Isn't this usually rotated daily (or hourly) in trunk systems?)

King County Trunk Frequencies (Repeater)

855.4625 858.4625
855.7125 858.4875
855.9625 858.9625
856.2375 859.2375
856.4625 859.4625
856.4875 859.4875
856.9625 859.7625
856.9875 859.9625
857.2375 860.2375
857.4625 860.4625
857.4875 860.4875
857.9625 860.9625

858.2375

NOTES:
1. I have yet to detect ANY activity on
the KC frequencies, but they *might* be the
frequencies intended for the county-wide
trunk system that was voted on several years
ago. On the other hand, it appears they have
only licensed one repeater per channel, to be
located in Enumclaw. Unless just the first
step or the system is actually to be used for
some other purpose, this would raise serious
questions in my mind about adequate coverage
throughout the county.

2. Though I have tried very hard to catch any
typos, there still could be some. Corrections
are welcome.

Enjoy!

Don
--
__ __ _ __ | Just my opinion? You bet!
___/ /__ / /__ (_)__/ /_ _ ___ | dskidmo@halcyon.com
/ _ (_-</ '_// / _ / ' \/ _ \ | dskidmo@eskimo.com
_,_/___/_/_\/_/_,_/_/_/_/_/___/ | Bellevue, Washington USA

535. mods for Pro-23?

Newsgroup: rec.radio.scanner
Date: 1995-01-13 01:44:00 UTC
From: sventek@clark.net
Message-ID: <3f4lt0$fkd@clarknet.clark.net>
Source record: 262849

[No readable article body recovered]

536. AR8000 Rx signal breakup

Newsgroup: rec.radio.scanner
Date: 1995-01-13 02:09:14 UTC
From: victors@world.std.com
Message-ID: <D2BnBF.6A7@world.std.com>
Source record: 262850

Hi,
I have been using my AR8000 for about a week now and like it a lot.
The only problems I have found are the following:

1. There is an annoying bug with the dial selector, sort of like
a badly debounced switch.

2. When listening to very strong signals, peoples words tend to get
chopped off near the end. Opening the squelch stops this from
happening, but it is annoying to have to constantly open and
re-adjust the squelch after a strong signal.
The attenuator doesn't do anything with this problem.

Anyone know of a solution for prob. no. 2?

Thanks

Vic

537. Monitoring Times - Where can I buy it? Vancouver Canada

Newsgroup: rec.radio.scanner
Date: 1995-01-13 02:40:19 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.789964819.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 262851

Can anyone tell me where to find Monitoring Times in Vancouver, Canada.
Or, failing that, where to write for a subscription.

Thanks

This Email/News response cheerfully brought to you by...
Gary Jacek
gjacek@cyberstore.ca
gjacek@freenet.vancouver.bc.ca

538. Muncie,IN Police

Newsgroup: rec.radio.scanner
Date: 1995-01-13 03:12:09 UTC
From: "Robert E. Marquis" <75321.2660@CompuServe.COM>
Message-ID: <3f4r29$5a3$1@mhadf.production.compuserve.com>
Source record: 262852

Here are the freqs. for Muncie and Delaware county.
Repeater Mobil
860.8875 811.8875
859.8875 812.8875
858.8875 813.8875
857.8875 814.8875
856.8875 815.8875
EMS 155.220
Sherriff 155.655
Fire dispatch and volunteer 154.190
These cover the majority of the radio traffic in this area.

--
Robert E. Marquis

539. Uniden Bearcat Help Requested

Newsgroup: rec.radio.scanner
Date: 1995-01-13 03:18:29 UTC
From: mark323@aol.com
Message-ID: <3f4re5$t6r@newsbf02.news.aol.com>
Source record: 262853

I would appreciateany help in operating a Uniden bearcat BC 70 xlt.
I just purchased one used and am unable to set the scanner.
Especially interested in setting freqs for continuous scan
Please help!

540. Which one to buy? Pro series

Newsgroup: rec.radio.scanner
Date: 1995-01-13 04:01:10 UTC
From: knob@netcom.com
Message-ID: <knobD2BsI0.4r5@netcom.com>
Source record: 262854

Ok. After reading this newsgroup for a while, it seems that most of you guys are using the RS Pro series (pro43, etc...). I want to buy a scanner for all purposes, and want to make sure that it is modifiable (is this even possible anymore-today?), and has good reception.

I don't want to be limited by what I can or can't listen to, and sometimes getting the highest price thing doesn't always do the job. Is there a particular scanner out there (handheld or otherwise) that has:
-good reception
-good quality
-modifiable for cell/handhelds
-lots of bells/whistles and is widely available

I know this is a "newbie" question, but any information (opinions) would be helpful.

Thanks!

-Jeff <knob@netcom.com>

--
==========
DON'T TREAD ON ME!
==========email to knob@netcom.com==========

541. scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-13 04:01:24 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <3f4tuk$ser@mark.ucdavis.edu>
Source record: 262855

I am looking for any frequencies for the Davis, CA area....
Davis is near Sacramento, CA and lies on the edge of YOLO, SOLANO, and
SACRAMENTO counties....

thanks!!

542. Re: FS:AR8000 and more

Newsgroup: rec.radio.scanner
Date: 1995-01-13 04:01:54 UTC
From: <>
Message-ID: <Reid.G-1201952101540001@17.127.10.5>
Source record: 262856

Why are you selling the unit and what condition is it in?

Greg

In article <3ec2a5$rur@newsbf02.news.aol.com>, clarisfan@aol.com (Claris
Fan) wrote:

> I have a new AR8000 scanner (ain't xmas great - get two!) with a good whip
> ant., (the one that comes with the AR8000 sucks).
>
> Better still, this is an unblocked unit!!
>
> Asking $600 + ship for this $730 value.
>
> Contact Brian Parry 408-987-7579
> brian_parry@QM.claris.com

--
the RotnApple

543. Re: Florida Scanner Laws ???

Newsgroup: rec.radio.scanner
Date: 1995-01-13 04:50:51 UTC
From: wnewkirk@bb.iu.net
Message-ID: <D2Busr.3JE@zeno.fit.edu>
Source record: 262858

obviously, you get an amateur radio license and then the exemption for hams kicks in and the questions become moot (although it's not a good plan to taunt cops..)

--

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio

544. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-13 05:00:34 UTC
From: billsohl@earth.planet.net
Message-ID: <3f51di$3sb@jupiter.planet.net>
Source record: 262859

David G. Schwartz (dgs@53iss6.Waterloo.ATTGIS.COM) wrote:
: In article <D25BFH.6Dw@freenet.carleton.ca> ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:
: #In a previous posting, Linda Wenzel (mharsch@lamar.ColoState.EDU) writes:
: #> I know that some states have passed laws that prohibit the use of
: #> scanners in an automobile. I have also heard from a couple of people that
: #> Amateur Radio Operators (HAMS) are exempt from all scanner laws including
: #> this law. Is this true? Is it a federal or state exemption? What other
: #> laws are HAMS exempt from?
: #>
: #Scanners are a very cost effective way for a ham to monitor quite a few HAM
: #bands with a Pro-2004/5/6 they can monitor 11 meter up to the 70 cm bands.
: #Therefore a scanner could be a Ham rec'vr

: I was under the impression that the ham exemption was only for transceivers
: that could scan out-of-(ham)band frequencies incidental to their design.
: Most ham transceivers have a wider receive range than transmit range. My
: impression was that a ham licence did not automatically entitle you to
: slap a 2006 in your car with no transceiver in sight. Please correct me
: (gently, and with references) if I am in error.
: ....Dave
: Dave.G.Schwartz@Waterloo.ATTGIS.COM

The jury is really out on this as there hasn't been any real test case.
It is likely too, that a test case probably won't come up either

because in the few states that have automobile prohibitions for
scanners, each and everyone of those states already exempt hams
in the language of the individual state statute. The recent FCC
preemption does specifically state "transceiver" but the language
of the specific premption does not define exactly what a
transceiver should be in terms of the receive capability.

It's my contention that a reasonable case could be made that just
having a 2006 along with any single band mobile transcever would
"pass muster" if it ever got to a court. Frankly, given the
preemption alone, I doubt any prosecutor wants to wast his/her
time trying to get a conviction against a ham for having the
scanner...and at least today, the only possible way for the issue
to come up would be on a local (city, county or towm) basis if a
restrictive scanner ordinance existed on a local basis.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

545. Re: Price for unblocked AR8000?

Newsgroup: rec.radio.scanner
Date: 1995-01-13 05:25:32 UTC
From: slui@gateway.ecn.com
Message-ID: <3f52sc$1v5@gateway.ecn.com>
Source record: 262860

Vertically Enhanced (tree@kla.com) wrote:
: Alex Chernyakov (achern@io.avl.umd.edu) wrote:
: : I've mailed Jonathon at Javiation and asked him questions regarding
: : pricing, etc for the AOR800. Here are my questions and his replies.

: Greetings,

: If I may ask, how does one contact Javiation. If there is a phone
: number, please help the ignorant (myself :*) and tell me the time zone
: that they are located within. The $620 (currently) +$35 (duty) seems
: much better than the $800 + $Pete Willson's cut that I've been seeing.
I paid roughly 620 dollars but duty was only 20 dollars!!

: Thanks!
: <<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>>

: The Tree ----:*] || If you don't get everything you want,
: tree@newkla.kla.com || just think of the things you don't
: KLA Instruments San Jose, CA || get that you don't want. =:*)
: ============================<Disclaimer>==================================
: || Any similarity between my opinions and those of KLA Instruments is ||
: || purely a coincidence and will never happen again I solemnly swear! ||
: ==

546. Re: Legality of Posting Mods and Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-13 05:26:15 UTC
From: ad225@detroit.freenet.org
Message-ID: <3f52tn$h9v@detroit.freenet.org>
Source record: 262861

Two way radio frequency assignments are made by the FCC and are
a matter of public record.

So, don't worry. You aren't breaking any laws when you post them!

Gary Baumgarten
Michigan Public Safety Network
Michigan's most pro-active public safety
notification paging network!
--
Gary Baumgarten
ad225@detroit.freenet.org

547. Re: Scanning Digital Cell Phones...

Newsgroup: rec.radio.scanner
Date: 1995-01-13 06:11:51 UTC
From: jmswant@nwrain.com
Message-ID: <3f55j7$nl1@pop0.rain.rg.net>
Source record: 262862

> rling@cad3.uccb.ns.ca writes:
> Digital cellular phones are being activated in my area now.
> Can my Pro-2006 be modified to scan these new phones?
> Do the digital phones use the same freq's as analog?
> If you come across a digital phone in operation, what does it sound like?
> Does it sound like the control channels?
>
> if someone has the answers to these questions, please respond!
> Thanks in advance...
> Ron
>
>
>>>>
a Digital Cellular base as received by a scanner sounds like a motorboat sound, bussing somewhat
like the control channels sound like

John

548. Seattle/WA area UHF&VHF military freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-13 06:15:36 UTC
From: jmswant@nwrain.com
Message-ID: <3f55q8$nl1@pop0.rain.rg.net>
Source record: 262863

Looking for UHF & VHF military freqs in use on the West coast of Washington Seattle area.
USAF,Navy,CG,Army,Norad

Thanks

549. Re: Help SBE Optiscan.

Newsgroup: rec.radio.scanner
Date: 1995-01-13 06:38:49 UTC
From: mfraser@vanbc.wimsey.com
Message-ID: <3f575p$kc8@wolfe.wimsey.com>
Source record: 262864

I managed to borrow the charts from a second-hand store, so
have what you need. If you give me your earth-mail address,
I'll post something to you. If enough interest from the
group, I'll take the time to translate the tables to a
set of "rules".

I asked the same question a year or so ago, was put in
touch with a fella at California Microwave who was one of
the original designers. While we never did manage to coordinat
hardcopy, he did mention that the ldr devices [light-
dependent resistors] tended to leak / lose sensitivity
with age. I've noticed that lite bulbs can burn out, too.....

Anyone else interested?

/Mark

jonny Schakowsky (jony@admin.kth.se) wrote:
: I got an old scanner (early 80's i think) from manufacturer SBE called
: OPTISCAN. It's freq.s is programmed with a punch card with 15 positions for
: each channel. I need help with how to programme the punchcards, a list of
: freq.s or a tip.

: jonny

550. Re: Where Can I get Scanner & cb stuff

Newsgroup: rec.radio.scanner
Date: 1995-01-13 08:07:02 UTC
From: douglas213@aol.com
Message-ID: <3f5cb6$39s@newsbf02.news.aol.com>
Source record: 262866

Try: Copper Electronics
3315 Gilmore Industrial Boulevard
Louisville KY 40213

502/968-8500

CB's & Scanners.

551. PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-13 08:49:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <aca_9501131800@rccons.lm.com>
Source record: 262935

Reply-To: rccons!aosc_pa@telerama.lm.com
X-FTN-To: mikemiller@dsm1.dsmnet.com

13 Jan 95 04:10, mikemiller@dsm1.dsmnet.com wrote to All:

mdc> Here's an interesting idea. The city of Des Moines, IA PD has dropped
mdc> all 10-codes, signal codes and other assorted non-plain language xmits.
mdc> They've even discontinued (horrors!) 10-4!! (What would Broderick
mdc> Crawford of the old Highway Patrol TV show say?). Some patrolmen are now
mdc> saying "roger" - some say "copy" - haven't heard "acknowledged" yet - and
mdc> esp. no "QSL's" yet. Drunk drivers and pedestrians are just that - a
mdc> violator stop is a traffic stop - meals taken on duty or off are given in

While 10-codes have not been dropped entirely they have BEEN DRASTICILY reduced in Washington Co. from ~ 100 to 13. The agency I am with used ~~ 20 before. (We were self dispatched, along with 3 other PD's, till E911.)

The previous Basic 911 center used codes for various events, these have all been eliminated. The basics is all that exist now.

Plain Lanquage dispatching is now the norm. Des Moines may also be using/headed to the use of MDT's for dispatch info. Another IA area is presently implementing MDT's at this time. Full use for dispatching, license checks in the future.

Rick Christian, AAJP/BSEE
AOSC PA Editor
PCO Peters Twp. P.D. @ Washington Co. E911
Internet:rccons!aosc_pa@telerama.lm.com

552. PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-13 09:10:40 UTC
From: mikemiller@dsm1.dsmnet.com
Message-ID: <3f5g2g$6f4@dsm6.dsmnet.com>
Source record: 262868

Here's an interesting idea. The city of Des Moines, IA PD has dropped
all 10-codes, signal codes and other assorted non-plain language xmits.
They've even discontinued (horrors!) 10-4!! (What would Broderick Crawford
of the old Highway Patrol TV show say?). Some patrolmen are now saying
"roger" - some say "copy" - haven't heard "acknowledged" yet - and esp.
no "QSL's" yet. Drunk drivers and pedestrians are just that - a violator stop
is a traffic stop - meals taken on duty or off are given in the clear.
Apparently the Asst. Chief (responsible for the patrol section) got
the Chief's approval for the change. Even the dispatcher's (some have been
with the city for quite some time) are saying "copy" for 10-4.
Does anyone know if any other jurisdiction has done this? It is an
interesting turn, to say the least.
Des Moines PD is on UHF 6-channel voting-repeater system. None of the
other metro agencies has made any changes as yet.

Regards - Mike Miller
mikemiller@dsmnet.com

553. Re: Icom 2SRA INFO WTD

Newsgroup: rec.radio.scanner
Date: 1995-01-13 09:10:42 UTC
From: marc_k@escape.com
Message-ID: <3f5g2i$ic8@beyond.escape.com>
Source record: 262869

opp@netcom.com wrote:
: : If you've owned or had experience with the icom 2sra i'd like to hear the
: : pro and the con. why did icom drop it? was the receiver part on a par
: : with the r1? what's a reasonable priced used today. e-mail please. thanks
: : in advance for any help.
: --
: opp@netcom.com
I have the 440 Mhz version, the 4sra.
It works quite well as a 440 transceiver, but not quite as well as a scanner.
While the receiver is continous coverage, the performance varies
depending on the frequency.
The unit is rather intermod prone.
The supplied receive antenna is only useable on UHF and above.
below that, the performance is HORRIBLE!
Worse, Since Icom wanted to use the same basic chassis as the W2A, they
used a 1/8 jack for the scanner antenna..so no standard BNC based antenna
will fit.
While you can get BNC to 1/8 adapters(Hosfelt Electronics has them),
these eventually knock the jack connections off the PC board inside the
radio(I've had to resolder mine already)!
On the positive sides...
1.continous coverage(but see above)
2.every frequency step you might need(including 30 Khz)!
3.full CTCSS(PL)decode(and if you know how, you can use the radio to FIND
PL tones as well).
One cute thing about the 4SRA, you can extend the receive side of the
transceiver side, thus allowing receiving 2 UHF signals at the same
time(on the 2SRA, you can do the same thing, but for 2 VHF signals).
Like most Icom 440 gear(except for the NEW ones, the 440 side receives
800-900 quite well, and has all steps from 10 to 50 Khz(again, INCLUDING
30 Khz)
In other words, you can listen to 2 Cell calls at the SAME TIME!
When you find a good one, you can listen, while looking for another one!
Any other questions, ask away!

554. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-13 09:13:05 UTC
From: dctrhappy@aol.com
Message-ID: <3f5g71$3nh@newsbf02.news.aol.com>
Source record: 262870

:We may be the only place in the nation to get your pro-43 modified to
cover
:from 15 MHz to 1000 MHz no gaps!!!! Reduced sensitivity from 7 MHz to 15
:MHz. Give that great unit a new life listening to shortwave broadcasts.

:Basically you would send the unit to us and we would send it back C.O.D.
:Currently we are looking at 5 working days to return it to you. We are
:posting this to see if there would be any interest in this mod. to the
:general public. E-mail me for any further details. Thank you.

Uhhh.............
Tell me more..>!

555. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-13 09:58:17 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3f5irq$qnm@nntp.crl.com>
Source record: 262871

> Here's an interesting idea. The city of Des Moines, IA PD has dropped
> all 10-codes, signal codes and other assorted non-plain language xmits.
> They've even discontinued (horrors!) 10-4!! (What would Broderick Crawford

Equal oppertunity employer? Maybe they just lowered the standards to
make it possible that more people could be put to work with
having them learn anything?

556. I did the Pro-46 brown wire MOD

Newsgroup: rec.radio.scanner
Date: 1995-01-13 10:00:37 UTC
From: ripnommel@aol.com
Message-ID: <3f5j05$3uq@newsbf02.news.aol.com>
Source record: 262872

I did the Pro-46 brown wire mod on 3 different units with part #305A.
this mod made the L/out + 2 + 9 keyboard mod open up the test mode which
included 888 mhz. It took about 10 minutes to do and was very easy.

Thanks to mick at henniger.789900268@cisco.com for the email and mod
info.

RiP

Even an AOL'er can do it.

557. GOLD COAST AUSTRALIA SCANNER USER

Newsgroup: rec.radio.scanner
Date: 1995-01-13 10:24:18 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3f5kci$ire@hal9000.apana.org.au>
Source record: 262873
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Is there any scanner users on the GOLD COAST in Australia?

Im holidaying there soon and would like to find out a bit about scanning up there. I have the freqs but would like to 'on hands' experience.

Please email me!

Cheers Matthew
matthew@hal9000.apana.org.au

558. GOLD COAST FREQS

Newsgroup: rec.radio.scanner
Date: 1995-01-13 10:26:15 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3f5kg7$is9@hal9000.apana.org.au>
Source record: 262874
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any freqs for the Gold Coast Australia?

Im after active police, fire, ambos, taxis, news crews etc etc etc.

Thanks Matthew
matthew@hal9000.apana.org.au

559. Re: alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-13 10:48:28 UTC
From: rlockhart@aol.com
Message-ID: <3f5lps$43e@newsbf02.news.aol.com>
Source record: 262925

MHz@bitstream.mpls.mn.us (MHz) wrote something to the effect that ..

> A friend just got a new Motorola alpha/numeric pager at work. When
> I tried to send a message by calling the access number and modem
> (it answers and I do connect), I can't. At his work, there's a
dedicated
> Motorola machine for sending messages to staff with the new pagers.
> Anyone know what's missing here?

You've received some decent answers, but let's build a bit on the oe that suggested setting up your modem for 7E1 and 300 BAUD. In addition to this, try shutting down all the error correction and compression features of your modem (all the neat things you bought your modem for <grin>) so that it won't try to train. By the time it trains down to 300 BAUD, the paging terminal will have dropped the call. In addition, when you get a carrier detect and connect, send a few <CR>s .. the system should come back with 'ID='. If it does, answer with a 'M' for 'M'anual and follow the prompts from there.

An easier way of doing things is, as has been pointed out, through the use of a dedicated alpha page entry program. For a relatively comprehensive list of available commercial and shareware apps that we (read 'I') know to be available to do this, try our freebie Motorola Third Party Referral Guide to Alpha and Data Paging. You can get a paper copy of this through our NewsStream/NewsCard hotline at 800.542.7882 .. latest edition is the ComDex 08 Nov 94 one.

Rob Lockhart, Resource Manager, Interactive Data Systems
Advanced Messaging Systems Division, Paging Products Group Motorola, Inc.

Desktop I'net: lockhart-epag06_rob@email.mot.com
Wireless I'net (<32K chars): rob_lockhart-erl003e@email.mot.com

560. Re: PRO-43

Newsgroup: rec.radio.scanner
Date: 1995-01-13 12:10:31 UTC
From: mulligan@ACM.ORG
Message-ID: <3f5qjn$uf@hopper.acm.org>
Source record: 262928

phil.hamilton@nashville.com (Phil Hamilton) wrote:

> Page 6 and 7 of the service manual refers to the 400 channels ...
A typo - they copied the chart with minor changes from the 2005/6 manuals.

> But what about D2 and D5?
D1 enables Key Lock switch
D2 enables 30-54 MHz
D3 enables 54-88 MHz
D4 disables cellular
D5 sets step in cellular to 12.5 kHz (?)
/* barry /&

561. IC-R100 SSB mods

Newsgroup: rec.radio.scanner
Date: 1995-01-13 13:43:14 UTC
From: "Paolo Astengo"
Message-ID: <3f601i$5br@sfgw.ICO.Olivetti.Com>
Source record: 262930

I'm searching for the modifications needed for the ICOM
IC-R100 scanner to let it capable to receive the SSB communications.

I would like to know where I can find the schematics (magazine, book or
ftp site).

Thanks in advance.

Paolo

562. Wanted: Pro-30 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-13 14:26:27 UTC
From: szinski@prairienet.org
Message-ID: <3f62ij$b7d@vixen.cso.uiuc.edu>
Source record: 262931

I've asked this once before and received no response.

Does anyone know of any mods for the Realistic PRO-30 scanner?
Any help would be appreciated!

--Steve

--
==
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==

563. Modifications to RS Pro2021

Newsgroup: rec.radio.scanner
Date: 1995-01-13 14:47:56 UTC
From: m16099@mwunix.mitre.org
Message-ID: <3f63qs$74h@linus.mitre.org>
Source record: 262933

Has anyone been able to get the modifications listed for a pro2021 on oak.oakland.edu to work?

The speedup mod (adding 15K in series to the 39k-ohm resistor @ R-147 for a total of 54K ohms) doesn't seem to do anything at all.

Clipping the diodes @ D44 and D45 does allow the cpu to honor the 68-88 MHz band and the 806-960 MHz band but the radio just receives static in these bands - it acts like it is receiving no RF.

Adding 10K resistors to IC8 @ pins 5 & 13 to the rf-enable sides of r112 & r113 doesn't seem to do anything at all.

Any ideas (besides buying another radio)?

Thanks,
Len Burton

564. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1995-01-13 15:17:05 UTC
From: parnass@ihlpf.att.com
Message-ID: <D2CnsH.8D6@nntpa.cb.att.com>
Source record: 262974
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: January 13, 1995. |

Lines changed since the previous issue are marked with a |
character in the right margin.

Introduction to Scanning
by Bob Parnass, AJ9S

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the author. Free distribution is encouraged.]

This introduction is intended for people new to the
scanning hobby and is oriented to scanning in the USA. It
tells where you can buy your first scanner, what features
it should have, where to get it repaired if required, how
to get frequency information, and mentions a few scanner
clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by
what they overhear on their radios. Police cars, fire
engines, ambulances, armored cars, trains, taxis,
airplanes, and buses are all equipped with radios and you
can listen to them. You can monitor the local sheriff and
fire departments to hear about events "as they happen,"
before the news reporters hear about them. Hostage dramas,
bank robberies, car crashes, chemical spills, tornado
sightings are all fair game. In a single afternoon, you
can hear a high speed police chase, Drug Enforcement agents
on a sting operation, and undercover FBI agents as they
stakeout a suspect.

How about listening to a presidential candidate discuss
strategy with his advisor from a 415 MHz radiophone in Air
Force 1, or a team of G-men protect him while transmitting
in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors
deal drugs over their cordless telephone, or as their
conversations are picked up and transmitted over the
airwaves between 49.67 and 49.99 MHz by their sensitive
baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. A new law threatens to outlaw listening to cordless phones, too.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend Trident nor many of the AOR brand scanners, although the AR8000 and AR3000 |

have good reputations.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Almost all low and mid-priced scanners are prone to receiving images -- receiving the same signal erroneously on two or more frequencies. With a few exceptions, images are undesireable due to the interference they cause, e.g., hearing aircraft transmissions while the scanner is tuned

to the local police frequency. Premium quality scanners use "up conversion" circuitry, a scheme which greatly reduces image reception.

Currently, the more popular scanners include the Uniden/Bearcat BC760XLT (a/k/a 950XLT) and discontinued | Radio Shack PRO-2006 base/mobiles, the Uniden/Bearcat | BC200XLT (a/k/a BC205XLT), BC220XLT, and Radio Shack PRO-43 | portables. A number of owners report problems with the | Icom R1 portable and the older Uniden/Bearcat 8500XLT base | and 2500XLT portable. The new Uniden replacement models, | the BC9000XLT and BC3000XLT, work very well and are my | current favorites.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by the 1000 channel PRO-2035. The portable Radio Shack PRO-62 is a good performer. All three models employ up conversion and are made for Radio Shack by GRE (General Research Electronics). Both GRE and Uniden make scanners for Radio Shack.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so.

Portable scanners are supplied with a spring shaped antenna, covered by rubber. Although it is small and tolerant of physical abuse, the range of a heliflex antenna is very limited. Augmenting it with a 19" telescoping metal antenna can improve portable reception greatly.

Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be more prone to lightning strikes because they are not at "DC ground."

Coaxial Cable Feedlines

If your antenna installation requires more than 50 feet of feedline, use RG213/U or high quality RG8/U coaxial cable. RG213/U has a non-contaminating jacket and will last longer. Each has an outer diameter of about 13/32". Similarly sized Belden 9913 cable and clones have lower attenuation but are difficult to bend, require special connectors, and can accumulate moisture inside because it they are hollow.

If you must use a small diameter cable for long runs, use RG6/U. Avoid RG58/U (7/32" OD) due to its losses at high frequencies. RG8/X (1/4" OD) is suitable for short patch cords.

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864. |

- The Ham Station, 220 N. Fulton Ave., Evansville, IN | 47719-0522. Telephone (800)729-4373, (812)422-0231.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. By federal regulation, new scanner models cannot be easily modified to tune the cellular phone bands.

Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu

oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major

metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Grove enterprises sells FCC license information on CDROM for $100. The fields are similar to PerCon's Spectrum CDROM, but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom color map. I call this new innovation RadioMap(TM) service. It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave.

This is completely different from the limited maps displayed on the Grove Enterprises CDROM. Through a new licensing arrangement with a professional mapping company, RadioMap shows detailed streets, railroads, rivers, and cities. Ham radio stations are not shown as they would clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, suitable for framing or laminating, for areas in any of the 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an

unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio and the Northeastern

states, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays, most at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about

4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members often sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $15 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Some CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1995. All meetings will be held on Saturdays at locations announced in advance.

February 18, 1995 - Westmont Police Dept.
April 15
June 17
August 19
October 14
December 16

Bring a notebook and your appetite.
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Copyright 1995, Bob Parnass, AJ9S

565. Re: Yaesu FT530 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-01-13 15:31:04 UTC
From: vuckovic@flowbee.interaccess.com
Message-ID: <3f66bo$hsv@nntp.interaccess.com>
Source record: 262725
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,chi.forsale,misc.forsale

For Sale:
Yaesu FT-530 Dual Band Transciever (extended tx/rx mods)
Belt Clip, Standard Battery, Standard Charger.

No Warranty. Radio checks out fine, works perfectly.

Special Bonus: Will recieve crystal clear cellular telephone tx.

Asking $325.00. UPS Blue COD Shipping included.

--

Owner, Weniger Lighting Systems | George Vuckovic |
| vuckovic@interaccess.com |
|__My_Opinions_Are_My_Own__|
Weniger Lighting Systems -- Emergency Lighting Sales, Service, Installation
---

566. Re: Interference is Killing Me!

Newsgroup: rec.radio.scanner
Date: 1995-01-13 16:41:17 UTC
From: lgreco@westnet.westnet.com
Message-ID: <3f6afd$pd9@westnet.westnet.com>
Source record: 262934

Steven Pellegrino (sjp117@psu.edu) wrote:
: I am curious if anyone has any suggestions or experience with the problems I
: am having. I go to school in State College, PA. (very rural) and live
: permanently in Boston, Ma. (very urban). During breaks I lug my five scanners
: back and forth between states to keep in touch with my surroundings. My
: scanners include a Bearcat 760, 200, & MR8100 and Radio Shack 2004 & 2026.
: They are used in a combination of home and vehicle setups.

: In PA my reception is good and interference is almost non-existent. Then again
: there isn't that much to monitor.

: In Boston the interference is crippling. I live (straight line) less than 2
: miles from downtown Boston and 1 mile from the Logan Airport Control Tower. My
: situation is this:

: My VHF-HI (153-160) reception is interfered with by airport coms.
: My UHF (460-470) reception is blown away by what seems to be pagers and
: news station trucks.
: My UHF-T (470-490) reception is blown away news trucks and other businesses
: My VHF-Lo (30-50) works fine, too bad only the state pd use it ;-)

: Now I have figured out that I am often times getting the harmonics of 10.8 and
: 21.6 MHz, and that it is causing this problem. But why so terrible? It even
: happens when I take the antennas off the radio and run at full squelch.

: The Pro-2026 filters out this problem best (assisted by 10db attenuator
: switch), but has annoying and loud squelch tail. The BC 760 works o.k. and
: slightly better with the CTCSS board. Sometimes the interference even gets by
: the CTCSS board and opens squelch. The BC 200 is worse and the PRO-2026 is
: horrendous, almost unusable above 450 MHz.

: All of the radios are prone to short bursts of interference, sometimes analog,
: sometimes digital, sometimes both at the same time. Usually a rushing sound
: with tones and a voice. Driving by the airport sounds like a machine gun fight
: inside my car :-(

: Is there any hope? How do agencies such as Boston Police and agencies around
: the airport avoid this interference? Are their radios that much better than
: scanners? Would low end proffessional radios work better than high-end
: scanners? Is there any hope short of encasing my radios in a lead display
: case?

: Any suggestions, sympathy or comiseration appreciated?

: Steve

: P.S. How do you folks in NYC, Chicago and other big cities cope?

Steve,
I would guess the problem is that the first IF in your radios is 10.7 MHz, which means, for example, the interference on 153-160 from airport coms is about twice 10.7 (21.4 MHz away)..so a strong "image" of the airport coms ends up on the VHF band. My bearcat 800xlt does this...IMHO these radios suck in terms of intermod rejection, because of the leaky and lousy conversion process. I have an Icom R7000 where the first IF is about 800 MHz, thus drastically reducing images.

As an example with this radio (R7000) I hear a pager frequncy on 152.21 that is 60dB+S9 ! (pins the meter) so 21.4 MHz down (130.81) the signal is barely heard. It pays to get a high end receiver in a high intermod environment.
BTW I do live near NYC and the R7000 runs circles around garbage like radio shack, bearcat etc. No offense :)

Luigi N2CWV

567. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-13 16:57:31 UTC
From: lrk@netcom.com
Message-ID: <lrkD2CsFw.Gwv@netcom.com>
Source record: 262936

In article <3f5g2g$6f4@dsm6.dsmnet.com>, <mikemiller@dsm1.dsmnet.com> wrote:
> Here's an interesting idea. The city of Des Moines, IA PD has dropped
>all 10-codes, signal codes and other assorted non-plain language xmits.
>They've even discontinued (horrors!) 10-4!! (What would Broderick Crawford
>of the old Highway Patrol TV show say?). Some patrolmen are now saying
>"roger" - some say "copy" - haven't heard "acknowledged" yet - and esp.
>no "QSL's" yet. Drunk drivers and pedestrians are just that - a violator stop
>is a traffic stop - meals taken on duty or off are given in the clear.
> Apparently the Asst. Chief (responsible for the patrol section) got
>the Chief's approval for the change. Even the dispatcher's (some have been
>with the city for quite some time) are saying "copy" for 10-4.
> Does anyone know if any other jurisdiction has done this? It is an
>interesting turn, to say the least.
> Des Moines PD is on UHF 6-channel voting-repeater system. None of the
>other metro agencies has made any changes as yet.
>
It has been my observation that the bigger the department, the less likely
they are to use codes. Unfortunately, the purpose of those code is to
make the transmission of information shorter and clearer. Most departments
use them to obscure things, often even from themselves.

It does have the advantage that they will develop interesting code words
in place of the signals. If you hear some cop say 'that's clear' or
'bump me' he's probably from Houston. And unlike cops from Dallas, he'll
be able to make the technical stuff work...:-)

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@netcom.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

568. Re: The FCC is among us now

Newsgroup: rec.radio.scanner
Date: 1995-01-13 16:58:36 UTC
From: tomswisher@aol.com
Message-ID: <3f6bfs$5lb@newsbf02.news.aol.com>
Source record: 262937

My $.02 worth? I think that if it is floating through my home and my bo
****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

569. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-13 18:40:14 UTC
From: hall@macs.mxim.com
Message-ID: <3f6hee$hr6@macs.mxim.com>
Source record: 262726
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <7uM5liubGs$B066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>In article <3f1alp$l5a@macs.mxim.com>, Hal Lillywhite wrote:
>> In my opinion, if the only reason you want this is in case of
>> emergency when you might want to transmit on a public safety
>> frequency, then you would be better off using a modified ham radio.
>> Such transmissions are allowed in emergencies although apparently
>^^

>Not so. Several amateur operators have found themselves in deep sh-t
>with the FCC and local law enforcement after making emergency transmissions
>in life or death cases. It's ashame but it's the law.

I'm happy to say, you are wrong. My FCC rule book is home so I can't give you the exact chapter and verse but the FCC specifically allows these transmissions in an emergency. Furthermore, congress has given the FCC exclusive power to regulate radio transmission so this overrides any local laws to the contrary. If you insist I will look up the rule and post it.

I do remember one question from the novice exam. Something like, "In an emergency you cannot contact anybody on frequencies for which you are licensed. What do you do?" The correct answer given in all the manuals is something to the effect of, "Make necessary communications using any means available." We do have some stupid laws in this country, but at least here wisdom prevails.

It is true some local jerk may try to throw his weight around. In so doing he violates the law but he can give you a hard time. If you follow FCC rules the law will be on your side so if you get a competent attorney you should be OK. In the worst case you may have to appeal but eventually a federal judge will overturn any judgement against you. Of course if you violate the rules all bets are off.

>Can't give everyone
>the right to use public service frequencies, too great a chance for
>chaos in time of emergencies.

We should be very clear on the type of emergency. The above rule applies to the isolated incident. In a true disaster such as an earthquake or hurricane the FCC will take over certain frequencies and declare them unavailable except for emergency communications. Often there will be a controller on the frequency (especially if it is a repeater) who says who may talk when and tries to priortize these communications. In this case even if you have a amateur,

license, if the FCC wants your favorite repeater they get it. You better not use that frequency except for the emergency transmissions. Report a neighbor in need of quick medical attention, great, but don't use it to chat with your buddy.

>If you want emergency comms, get a cellular phone cheap, or one of these
>specials with limited service. Let the service expire (3 months to a year
>depending on who the provider is) and keep the phone. Dialing 911 will
>always work, whether you're subscribed or not. This is a result of legal
>action several years ago during an emergency.

Good idea for areas where cellular coverage is good. While this coverage is expanding there are still large regions of the world and even of the US with no cellular coverage. Irridium will change that but it won't be cheap.

>> there are government officials who don't like it so you may have to
>> defend yourself. Just make sure it is a real emergency and that no
>> other means of communication is available to deal with it. If you
>> save a life you are probably OK. If the victim dies in spite of
>> your efforts some jerk is likely to see if he can nail you. An
>> available amateur repeater which you could have used is probably all
>> he would need to get a conviction. Theoretically he could nail you
>> even for saving a life if other communication was available.
>> However a life saved goes a long way with any jury so you would have
>> a good chance of getting off.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

>To be seen...

Agreed. If you violate the law you expose yourself. If that violation saves a life a compassionate jury may let you off but there is no guarantee. That is why I emphasized that before you make the transmission on the unauthorized frequency you should make certain that there is no normally legal means of communication you can use instead. If there is a phone nearby, or you could use the amateur repeater for which you are licensed, use one of those, not the police frequency. Only use "illegal" frequencies if

a. There is no other way to call for help, and

b. It is a bona fide emergency.

It seems to me that this rule is just common sense.

570. Re: PRO 43 MEMORY MOD

Newsgroup: rec.radio.scanner
Date: 1995-01-13 18:42:58 UTC
From: dalegadd@aol.com
Message-ID: <3f6hji$6bb@newsbf02.news.aol.com>
Source record: 262939

A friend of mine designed a mod to increase the PRO-43 to 400 channels. Email LORDBB@KUHUB.CC.UKANS.EDU and I am sure he would send you his article.

571. PRO-43'S FOR SALE. NEW AND MODIFIABLE.

Newsgroup: rec.radio.scanner
Date: 1995-01-13 18:53:12 UTC
From: dalegadd@aol.com
Message-ID: <3f6i6o$6d9@newsbf02.news.aol.com>
Source record: 262940

I have several new PRO-43's for sale. In the box and all bearing production codes ending in a 3 (1993) and no "A" at the end of the FCC ID. These units were purchased from a Radio Shack that a year ago ordered three units and was shipped 30 instead. $325 (regular price $349). All are in original packing including manual and silica gel. E-mail me for more information.

572. mark 8000 info

Newsgroup: rec.radio.scanner
Date: 1995-01-13 19:39:05 UTC
From: bbjamin@aol.com
Message-ID: <3f6ksp$6nq@newsbf02.news.aol.com>
Source record: 262941

mark give me a call I have your information

BBJAMIN

573. Re: alpha paging via computer link

Newsgroup: rec.radio.scanner
Date: 1995-01-13 20:39:54 UTC
From: dooman@indirect.com
Message-ID: <D2D2qI.1Dr@indirect.com>
Source record: 262942

MHz (MHz@bitstream.mpls.mn.us) wrote:
: A friend just got a new Motorola alpha/numeric pager at work. When I tried to
: send a message by calling the access number and modem (it answers and I do
: connect), I can't. At his work, there's a dedicated Motorola machine for
: sending messages to staff with the new pagers. Anyone know what's missing
: here? Sorry for the posting here, but of my accessible newsgroups, this is
: the most appropriate. Thanks in advance.

--

We recnetly sent up an interface to Pagenet in Phoenix Arizona. The only
real problem we had was that the BPS on the modem HAD to be 300. After we
finally found an old enough modem to kick down that far everything was fine.

<<< - dooman ** dooman@indirect.com ** Randy DeForest - >>>

574. Pro-39 Mods for 200 Mhz?

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:03:44 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Jan13.150344.5273@driftwood.cray.com>
Source record: 262943

Does anyone know if a Pro-39 can be modified to receive the 200 Mhz band? There's a gaping hole between 174 and 380 Mhz but then this may be why RadShak built the 43 :)

Thanks...

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

575. Re: AR8000 info updated again (wednesday 1/10/1995)

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:07:12 UTC
From: leoh@hardy.hdw.csd.harris.com
Message-ID: <3f6q20$fj5@hawk.csd.harris.com>
Source record: 262729
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3f295c$1ql@nntp.crl.com> ki4je <vhealey@crl.com> writes:
>I know you probably get tired of seeing this announcement but...

I don't ...

>Two zip files from Wyman Chong. an easy to use access dbase and
>a demo of a scanner interface program for the ar8000. The dbase file
>came from compuserve library and is version ar8kdb11.zip. I looked at
>an earlier version yesterday and I think it is right nice. The new file
>is supposed to fix a macro that may not have worked correctly.

I FTPed the 1.1 version & noticed a problem - I was unable to read in A00 & a00
(or any other such duplicate). The problem appears to be that the DB uses the
bank ID as the primary sort key, and does not allow "duplicates" to be in the
DB table.

As far as ASCII is concerned a00 & A00 ARE NOT duplicates, but unfortunately
ACCESS is doing a case insensitive sort & considering all those as duplicates.

Maybe the original author and/or some other ACCESS capable person can correct
that?

Thanks

Leonard

--
Leo.Hinds@mail.csd.harris.com Leo Hinds (305)973-5229
2101 W. Cypress Creek Rd. Ft. Lauderdale, FL 33309-1892

576. Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:10:08 UTC
From: Glen Arceneaux <ddjgwa@arco.com>
Message-ID: <D2D44y.FIu@news.arco.com>
Source record: 262944

I recently purchased an AR8000 at Tucker Electronics in Dallas. I discovered two annoying problems:

1. The BandPlan data for the unit was UK - based. This made the "Auto" mode virtually useless for me here in the States.

2. The dial selector appears to have a "bounce" problem, making the entry of channel annotation (and all entries from the DIAL) annoying.

I contacted Tucker Electronics, and they said that all of their units had the UK BandPlan, and that was that! When I called EDCO, the US distributor, they confirmed that as of today, AOR is only shipping the UK BandPlan units and they were not sure when they would get US units.

As far as the DIAL selector problem, neither Tucker nor EDCO was aware of a problem here, however, I did notice a posting from victors@world.std.com that indicated that he has experienced a similar problem. I will bring the unit in to Tucker tomorrow to see if I can get an exchange .

Is there anyone out there who can add any experiences, knowledge or speculation here?

Thanks in advance,

Glen Arceneaux (kg5mn)
ddjgwa@arco.com

577. How to contact Javiation?

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:13:16 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <D2D4A5.4Lq@freenet.carleton.ca>
Source record: 262945

Does anyone have an alternative to Clough@javiaton.demon.co.uk? My mailer barfs and I'd really like to get his attention for to buy an AR8000. Christmas is (mostly) paid off and I can wait no longer for this ultimate toy...

Thanks,

Tim

--
============================ =|= Tim Murphy =|= Want free info from
||This post made from 100%|| =|= goombah@globalx.net =|= CSIS? Call your mom
||recycled electrons. || =|= (613) 562-1664 =|= and mention them by
============================ =|= Finger for PGP key =|= name! Act now!

578. PRO-2010

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:16:58 UTC
From: bbenson@st6000.sct.edu
Message-ID: <3f6qka$co5@galileo.sct.edu>
Source record: 262946

Does anyone have any mods to a PRO-2010 (or maybe 2020). It's an old RS 20 channel scanner.

Brad

579. Full Disclosure Live (1/15/95)

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:50:51 UTC
From: fd@wwa.com
Message-ID: <3f6sjr$rvp@sashimi.wwa.com>
Source record: 262727
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Full Disclosure Live carried world wide on WWCR Shortwave (5,065 khz 7pm/ central) will cover the topic of PAGER INTERCEPTION. Are your pages private? Who's intercepting them? How can you intercept pages?

Full Disclosure Live is hosted by Glen L. Roberts and Art Newvo (who paratroops into the stupid located on the island from a black helicopter). Joe Jesson will be the featured guest.

Join us on the air and on IRC channel #fulldiscloure.

580. Any mods out there on BC200xlt ?

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:55:59 UTC
From: ripnommel@aol.com
Message-ID: <3f6stf$7p9@newsbf02.news.aol.com>
Source record: 262947

Any help would be appreciated. Please post or email.

RiP

No clever quotes available

---

581. Help the Pro-46 beep is driving me nuts!

Newsgroup: rec.radio.scanner
Date: 1995-01-13 21:58:11 UTC
From: ripnommel@aol.com
Message-ID: <3f6t1j$7q0@newsbf02.news.aol.com>
Source record: 262948

Does anyone know of a mod for eliminating that annoying beep every time a button is pressed? Please post or email.

RiP

582. Re: Florida Scanner Laws ???

Newsgroup: rec.radio.scanner
Date: 1995-01-13 22:02:46 UTC
From: axanar@news.gate.net
Message-ID: <3f6ta6$21nu@seminole.gate.net>
Source record: 262949

jrg@digital.net (Jim Gillespie) writes:
> Does anyone know what the laws are in Florida re: using a portable
> scanner in your car ? how bout a bicycle ? or a boat ? or on foot
> outside of your home ?

Jim, as far as I know, you can use a scanner in your car as long
as it's not "perminantly" installed; ie: hardwired into the electrical
system, or mounted in the car. I don't know if any local laws are
different. Any place else is fine.

Happy Scanning... Greg

583. Wanted Toronto frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-13 23:32:45 UTC
From: ruth@cml.com
Message-ID: <3f72it$opg@news.compulink.com>
Source record: 262950

Hi all:

I am new to this group!

Can anyone give me the Toronto freuqncies or can you give me a name of a
book of frequencies I can obtain from the library.

Ruth@cml.com

Toronto
Ontario
Canada

: ComputerLink Online Inc. Realms of Despair! :
: (416)233-5410 telnet mud.compulink.com 4000 :
: 106 lines, 300-28,800 bps endless medieval enjoyment! :
: :
: Join our International Teleconference --> chat.compulink.com 9000 :
----

584. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-13 23:40:00 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <3f730g$3md@sun001.spd.dsccc.com>
Source record: 262951

In article <3f5g2g$6f4@dsm6.dsmnet.com>, <mikemiller@dsm1.dsmnet.com> wrote:
) Here's an interesting idea. The city of Des Moines, IA PD has dropped
)all 10-codes, signal codes and other assorted non-plain language xmits.
)They've even discontinued (horrors!) 10-4!! (What would Broderick Crawford
)of the old Highway Patrol TV show say?). Some patrolmen are now saying
)"roger" - some say "copy" - haven't heard "acknowledged" yet - and esp.
)no "QSL's" yet. Drunk drivers and pedestrians are just that - a violator stop
)is a traffic stop - meals taken on duty or off are given in the clear.
) Apparently the Asst. Chief (responsible for the patrol section) got
)the Chief's approval for the change. Even the dispatcher's (some have been
)with the city for quite some time) are saying "copy" for 10-4.
) Does anyone know if any other jurisdiction has done this? It is an
)interesting turn, to say the least.
) Des Moines PD is on UHF 6-channel voting-repeater system. None of the
)other metro agencies has made any changes as yet.
)
) Regards - Mike Miller
) mikemiller@dsmnet.com

Where I live (Irving, Texas) the conversations between dispatcher and
mobil units uses a mixture of 10 codes, numerical references to the
statutes, and plain language. Acknowledgement is usually REEceived
(accent on first syllable, and it is spoken for a longer time than
usual).

Mike
---
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}

585. Re: 900 Mhz Panasonic Phone Mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-13 23:53:49 UTC
From: henniger@cisco.com
Message-ID: <henniger.790041229@cisco.com>
Source record: 262952

In <3eqbjq$sm5@tango.w8hd.org> jlager@w8hd.org (Jim Lagerkvist) writes:

>> I own a Panasonic CORDLESS 900 Mhz phone & I have been VERY happy with it's
>>performance. The model number is KX-T9220. I recently opened the phone to
>>clean it & noticed there were a few adjustments that could be made. There
>>seems to be some screws that can be turned to adjust transmit and receive.
>>Like i said I'm more than happy with the performance, however when there is
>>room for inprovement i am always looking for it. Since the warenty on the
>>phone is no longer good, i was wondering if anyone knew of any mods that
>>could be made on the phone to increase it's range.
>--
>If you're happy with the performance, DON'T change those adjustments !
>If you want more range, try substituting another base antenna that is
>exactly twice but not more than exactly three times the original length.
^^

What is the thinking here? I assume it is a quarter wave vertical, so
a halfwave vertical would have a much different impedance, while a
three quarter wavelength (three times the original length) would be
the same impedance as the quarter wave.

I would have said:

...exactly three times the original length but not twice the original length.

Mick

PS. - FCC type acceptance wouldn't hold if you changed the antenna, so
I am assuming you are using it as ham equipment.

>And always get the base unit as high as possible.

definately.

>- Jim Lagerkvist

586. Re: PRO-51 Software Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-14 00:01:29 UTC
From: damoro@earth.execpc.com
Message-ID: <3f748p$c5j@homer.alpha.net>
Source record: 262953

marc_k (marc_k@escape.com) wrote:

: hit 2/9/band or 2/9/moni, and after the display starts scrolling, THEN
: hit 2-9-l/o
: You must have a new 51, the old ones did work with just 2-9-l/o
: good luck!

Just wanted to let everyone know that this mod worked with my
PRO-51, and it has a date of manufacture of 12A3 (purchased on 1-10-94
so it was sent back for factory modifications).

Thanks,
D. Moroder

587. Re: Woops! CIA got me! <grin>

Newsgroup: rec.radio.scanner
Date: 1995-01-14 00:17:29 UTC
From: Nicholas McLarty <mcs@crl.com>
Message-ID: <Pine.SUN.3.91.950113161714.10077D-100000@crl7.crl.com>
Source record: 262730
Cross-posted to: rec.radio.scanner,alt.radio.scanner

On Fri, 13 Jan 1995, Anthony Lucas wrote:

>
> : *Sidebar note to CRL: This is a personal opinion, and since I don't
> : represent you in any way besides being a user on your system, you can't
> : do anything do me...besides maybe cancel my account.*
> ^^ Err? to?

Yeah, that too.

C/Amn Nicholas McLarty, KC5IUZ mcs@crl.com
United States Air Force
Texas 882nd AFJROTC Group: San Antonio, TX

For public PGP 2.3 key, finger or e-mail the address above
PGP Fingerprint 64 29 66 2B B4 53 C2 8D 33 73 A7 33 16 78 D1 05

588. Re: Florida Scanner Laws ???

Newsgroup: rec.radio.scanner
Date: 1995-01-14 00:27:13 UTC
From: wwhitby@aol.com
Message-ID: <3f75p1$98b@newsbf02.news.aol.com>
Source record: 262954

What about all of us who have a permanently installed scanner that are visiting the state of Florida. I plan to be there for a couple of days in June. Are there any exemptions for us out-of-staters? Have there been any cases like this?
Warren Whitby
wwhitby@aol.com - Home
wwhitby@mcl.lan.bdm.com - Work
73s de KE4ITL

589. Grove's Internet Address

Newsgroup: rec.radio.scanner
Date: 1995-01-14 00:28:46 UTC
From: wwhitby@aol.com
Message-ID: <3f75ru$993@newsbf02.news.aol.com>
Source record: 262955

```
Does anyone have Grove's Internet address on hand?
Warren Whitby
wwhitby@aol.com - Home
wwhitby@mcl.lan.bdm.com - Work
73s de KE4ITL
```

590. FS: ICOM 2SRA and RS HTX202 HTs

Newsgroup: rec.radio.scanner
Date: 1995-01-14 01:06:06 UTC
From: tbodoh@pipeline.com
Message-ID: <3f781u$sul@pipe3.pipeline.com>
Source record: 262956
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment

For sale:

ICOM 2SRA combination 2M HT and scanner. Scanner side receives 25-950 Mhz with AM/FM/WFM modes. Excellent condition, 15 mo old, always kept in soft case which is included. Also includes BP84 pack, original box, instructions, wall charger, Larsen Kulduckie 2M duck and the two original ducks. Full 800 Mhz coverage. Dual receive, has two antennas! Not modified for out of band transmit. Total new value $545.

Radio Shack HTX202 2M HT. Excellent condition, 4 months old. Includes nicad pack, wall charger, alkaline pack, instructions, duck and a brand new speaker mike. Total new value $280.

The prices are $400 for the 2SRA, $175 for the HTX202, firm. Postal money order only. I pay shipping, your choice of UPS or USPS.

Email me at tbodoh@pipeline.com or call 605-582-2328 weekends or evenings.

591. What's the word: PRO-2038?

Newsgroup: rec.radio.scanner
Date: 1995-01-14 01:15:22 UTC
From: davie@primenet.com
Message-ID: <3f78jb$jco@news.primenet.com>
Source record: 262957

Hi, I am new here. I was wondering if there was a general feeling about the new Rat Shack 2038. I have a severe mounting situation and this is one of my few choices due to size. Thanks, Dave (Oh, yes -any mods out yet?)

592. Re: Help,my pro -43 has an "a",Can it be modified

Newsgroup: rec.radio.scanner
Date: 1995-01-14 01:41:29 UTC
From: bartdoug@acusd.edu
Message-ID: <D2DGp6.9H3@pwa.acusd.edu>
Source record: 262958

Jerry Dallal (gdallal@world.std.com) wrote:
: johnaa@qualcomm.com (johnaa@qualcomm.com) wrote:
: : It looks like I have one of the un-modifiable pro-43...
: : Has anyone figured out how to impliment all of the existing
: : mods to the pro-43 with the "a" nominclature on the Fcc#..

: I keep telling people to *forget about the A in the FCC id* but some
: continue to use it, creating confusion such as yours. *All* of the FCC
: id's contain an A. The nonmodifiable ones have two--the A at the end of
: the id is what makes it unmodifiable.

: A less confusing rule (I've been told it even works for Canadian units
: that don't have an FCC id) is based on the *serial number*. If the
: serial number contains an A it is not modifiable; if there is no A in the
: serial number, it can be modified.

Not to add fuel to the fire, but this doesn't go all the way for me. I
just bought a Pro-43 from Marymac, who assured me that it was
modifiable. The FCC ID is AA020-300, and the serial number is 050265.
It sounds from the above that mine is modifiable, but the AA in the ID
number makes me nervous. I also heard that a sticker in the battery
compartment has some significance. Mine has a sticker with "4A3" on it.

One other question, I d'led the mods from oak.oakland.edu, and am
wondering if there are any keypad mods for this unit. I am not so eager
to attack the thing with a soldering iron since it's brand new.

Thanks in advance for any assistance

Doug

One more suggestion, since this question comes up so often, perhaps some
knowledgable person could collect all the pertinent data, and post it
say, once a week? It might be worth it....

--
I would rather be a foolish optimist than a correct pessimist.

593. AR8000 leather case?

Newsgroup: rec.radio.scanner
Date: 1995-01-14 01:45:26 UTC
From: victors@world.std.com
Message-ID: <D2DGvq.Cwy@world.std.com>
Source record: 262959

Is there a leather case for the AR8000? Notice I said leather
not vinyl or leatherette (sp?). I've called a couple of dealers
that carry the AR8000 and ask for the AR8000 leather case.
When I press them to make sure it is leather they claim a real
leather case isn't available.
After paying that much for the AR8000 I want only the finest
Corinthian leather to shod my scanner.
Is the US$25 vinyl case all that is available?

I've received some email replies to my previous posts and there
does indeed appear to be a bug in the debouncing of the selector
switch. It's not that bad, just annoying. I can't believe
a bug like that could have slipped by.
Anyone have any info on possible firmware upgrades in the future.

Vic

594. Re: a good Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-14 02:04:39 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3f7bfn$q79$1@mhadg.production.compuserve.com>
Source record: 262960

Check out the Radio Shack Pro51 on sale for $219.99.

595. Re: Yaesu FT530 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-01-14 02:42:15 UTC
From: Jon.Gefaell@Virginia.EDU
Message-ID: <Jon.Gefaell-1301952142150001@cisco-slip15.acc.virginia.edu>
Source record: 262732
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,chi.forsale,misc.forsale

In article <3f66bo$hsv@nntp.interaccess.com>, vuckovic@interaccess.com wrote:

>For Sale:
> Yaesu FT-530 Dual Band Transciever (extended tx/rx mods)
> Belt Clip, Standard Battery, Standard Charger.
>
> No Warranty. Radio checks out fine, works perfectly.
>
> Special Bonus: Will recieve crystal clear cellular telephone tx.

Special Notice! Will _ONLY_ step in 12.5Khz in Cellular telephone band!

Caveat Emptor.

--
Jon Gefaell, Computer Systems Engineer |"A well regulated Militia, being
University of Virginia, ITC/Madison Hall | necessary to the security of a
--| free State, the right of the
Monticello Area Virtual Village | people to keep and bear Arms,
Systems Designer and Operations Manager | shall not be infringed."

"I swear to protect the Constitution of The United States (Will chmod (
of America against all enemies, foreign or domestic.") for food)
--

596. Re: scanning in kansas city area

Newsgroup: rec.radio.scanner
Date: 1995-01-14 02:54:29 UTC
From: Steve Lowrey <stevelowrey@delphi.com>
Message-ID: <Rc7Ypo9.stevelowrey@delphi.com>
Source record: 262961

Hi Wolly,
Yes, I would like your new KC list if possible. I to big to email then
send by mail to 333 w. 75
KCMO 64114
In return I have a list that I recieved from a guy from San Jose,CA.
It contains many interesting looking freqs. He said he received from a ham
operator in this area.

Steve Lowrey

597. Re: Help,my pro -43 has an "a",Can it be modified

Newsgroup: rec.radio.scanner
Date: 1995-01-14 03:30:25 UTC
From: gdallal@world.std.com
Message-ID: <D2DLqp.2t4@world.std.com>
Source record: 262962

Douglas Barton (bartdoug@acusd.edu) wrote:
: Jerry Dallal (gdallal@world.std.com) wrote:

: : I keep telling people to *forget about the A in the FCC id* but some
: : continue to use it, creating confusion such as yours. *All* of the FCC
: : id's contain an A. The nonmodifiable ones have two--the A at the end of
: : the id is what makes it unmodifiable.

: It sounds from the above that mine is modifiable, but the AA in the ID
: number makes me nervous. I also heard that a sticker in the battery
: compartment has some significance. Mine has a sticker with "4A3" on it.

That's why I hate FCC id-based rules. I should have written

All of the FCC ids contain As. The nonmodifiable ones have
three--the A at the end of the id is what makes it unmodifiable.

I'll try to fix my earlier post.

Yours is modifiable: No A in serial number. See how easy?
Also, 4A3 = April, 1993.

598. Re: Help the Pro-46 beep is driving me nuts!

Newsgroup: rec.radio.scanner
Date: 1995-01-14 04:52:25 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3f7la9$m7i@ixnews3.ix.netcom.com>
Source record: 262963

In <3f6t1j$7q0@newsbf02.news.aol.com> ripnommel@aol.com (RIP NOMMEL)
writes:

>
>Does anyone know of a mod for eliminating that annoying beep every time
a
>button is pressed? Please post or email.

I have'nt tried it, but my instructions say that cutting the trace from
pin 80 on IC1489 to L201 does the trick. This is on the keyboard PC
board, accessable afer removing the first board.

Pin 80 is the first pin up from the diagonal cut corner on the IC.

|
_| IC1489
Pin 80 _____________

L201 []

--
____
David Palmer DPalmer@ix.netcom.com
"Oh aint it good when things are going your way, hey! hey!"

599. Re: Price for unblocked AR8000?

Newsgroup: rec.radio.scanner
Date: 1995-01-14 05:51:33 UTC
From: dfleming@earth.execpc.com
Message-ID: <3f7op5$mi0@homer.alpha.net>
Source record: 262964

Jerry Dallal (gdallal@world.std.com) wrote:
: Dan Fleming (dfleming@earth.execpc.com) wrote:

: : I paid 612 pounds sterling and that works out to around 635 or so I think.
: ^^^^^^^^^^^^^^^^^^ ^^^[US]

: I knew the British economy wasn't that great, but I didn't think it could
: be *that* bad!

I got the bill today...:(
412 pounds sterling at conversion rate of 1.57577669 = 649.22 US dollars.
ouch.

600. test: please ignore

Newsgroup: rec.radio.scanner
Date: 1995-01-14 06:53:30 UTC
From: mfr24@panix.com
Message-ID: <3f7sda$itq@news.panix.com>
Source record: 262965

123456789

601. Electronics question..

Newsgroup: rec.radio.scanner
Date: 1995-01-14 07:25:27 UTC
From: rsharp@paul.spu.edu
Message-ID: <3f7u97$r77@adam.spu.edu>
Source record: 262966

I have some crystals that I'm not sure what they are for. Could someone help me out please?

-4.9152 MHz (M-IPI-049)

3.6868 (CCL)

4.9152 (NMP 049)

11.0592 (NMP111).

Any ideas?

602. Electronics question..

Newsgroup: rec.radio.scanner
Date: 1995-01-14 07:28:28 UTC
From: rsharp@paul.spu.edu
Message-ID: <3f7ues$rap@adam.spu.edu>
Source record: 262967

I have some crystals that I'm not sure what they are for. Can someone give me a hand please?

3.6868 (CCL)

11.0592 (NMP 111)

4.9152 (NMP 049)

-4.9152 MHz (M-IPI-049).

Any ideas?

603. Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-14 07:35:52 UTC
From: jdgan@freenet2.scri.fsu.edu
Message-ID: <3f7uso$noq@freenet3.scri.fsu.edu>
Source record: 262968

O.K. no flames for "harmful interference" BUT what are your good stories about "kerchunking" repeaters? Good ones like PD, SO, or Feds......did ya get any response from "authorized users" like a dispatch person?

604. Re: AR8000 leather case?

Newsgroup: rec.radio.scanner
Date: 1995-01-14 08:36:13 UTC
From: ki4je <vhealey@crl.com>
Message-ID: <3f82dt$8oe@nntp.crl.com>
Source record: 262969

Warning just don't get a 'Pouch' commonly used by Ham
radio operaters. It abrades the buttons on the ar8000
when you slip it home.

The case for the ar8000 is rather nice.

Vic ki4je

victors@world.std.com (Vic Silva) wrote:
>
> Is there a leather case for the AR8000? Notice I said leather
> not vinyl or leatherette (sp?). I've called a couple of dealers
> that carry the AR8000 and ask for the AR8000 leather case.
> When I press them to make sure it is leather they claim a real
> leather case isn't available.
> After paying that much for the AR8000 I want only the finest
> Corinthian leather to shod my scanner.
> Is the US$25 vinyl case all that is available?
>
> I've received some email replies to my previous posts and there
> does indeed appear to be a bug in the debouncing of the selector
> switch. It's not that bad, just annoying. I can't believe
> a bug like that could have slipped by.
> Anyone have any info on possible firmware upgrades in the future.
>
> Vic

605. Any comments on IC-7100A?

Newsgroup: rec.radio.scanner
Date: 1995-01-14 08:37:15 UTC
From: CJSRFM@vm.ucs.ualberta.ca
Message-ID: <1732616CBS86.CJSRFM@vm.ucs.ualberta.ca>
Source record: 262970

Hello All!

I'm considering the purchase of an Icom 7100A scanner. Can anyone fill
me in on the pros and cons of this unit? Are there better units available?

Any comments at all are welcome.

Thanks a bunch in advance!

Ray Semenoff VE6RHS
CJSR 88.5 FM
Edmonton, Alberta
Canada

606. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-14 08:44:23 UTC
From: ki4je <vhealey@crl.com>
Message-ID: <3f82t7$8oe@nntp.crl.com>
Source record: 262971

Its no big deal. It can be changed. There is in my files
a mesage from Pete Folley that he has already done so
an will be posting a program to allow you to make similar
changes shortly.

The occasional 'bounce' in the rotary switch doesn't bother me.
It is more convient then slewing buttons found on other radios.

73's
Victor Healey (Ki4je)

Send files and data to my anonymous incoming account via ftp at
ftp://ftp.crl.com/pub/incoming
then send a note via E mailto:vhealey@crl.com to move them to the
AR8000 (The Ultimate Handheld Scanning Receiver) site
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
Remember you can make very descriptive file names with unix file system.

607. Re: AR8000 leather case?

Newsgroup: rec.radio.scanner
Date: 1995-01-14 10:50:23 UTC
From: jdnails@best.com
Message-ID: <3f8a9f$g0m@news1.best.com>
Source record: 262972

In article <D2DGvq.Cwy@world.std.com>, victors@world.std.com (Vic Silva)
writes:

>Is there a leather case for the AR8000? Notice I said leather
>not vinyl or leatherette (sp?). I've called a couple of dealers
>that carry the AR8000 and ask for the AR8000 leather case.
>When I press them to make sure it is leather they claim a real
>leather case isn't available.
>After paying that much for the AR8000 I want only the finest
>Corinthian leather to shod my scanner.
>Is the US$25 vinyl case all that is available?

I noticed something about a Leather case that may be on the market soon
Made by a 3rd party on the below URL, It's not out yet. I be awaiting too :-)
http://www.demon.co.uk/javiation <<--
>
snippage-------

_____
jdnails@best.com___jdnails@aol.com____jackers@baudbbs.com
/ \ / \
. (*) (*)
Freedom\\Not Free any more, /
you need to buy it now. <
. _____/
ftp://ftp.best.com/pub/jdnails /

608. Re: SF Bay Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-14 10:56:11 UTC
From: jdnails@best.com
Message-ID: <3f8akb$g0o@news1.best.com>
Source record: 262973

In article <kjnD2AJ61.4o9@netcom.com>, kjn@netcom.com (Ken Navarre) writes:

>R. Scott V. Paterson says:
>" Anyone have a SF Bay Area frequency listing they can send or where I can
>" get one?
>
>Scanners Unlimited, Laurel Ave. San Carlos, Ca.

**And he lucky number is 415-573-1624 <- I wz therer friday there in stock
(try 415-555-1212 since I >don't have the number handy)
>Ask for Robert Keilty's book that covers the 9 Bay Area counties.
>
>Ken Navarre
>--

---
jdnails@best.com___jdnails@aol.com____jackers@baudbbs.com
/ \ / \
. (*) (*)
Freedom\\Not Free any more, /
you need to buy it now. <
. _____/
ftp://ftp.best.com/pub/jdnails /

609. Percom CD-Rom (How to hack it for its data)

Newsgroup: rec.radio.scanner
Date: 1995-01-14 12:16:00 UTC
From: ki4je <vhealey@crl.com>
Message-ID: <3f8fa1$edb@nntp.crl.com>
Source record: 262734
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have the Percom Cd-rom and for the most part it is ok, but...

I hate the fact that it locks the temp.dbf file it creates
and hides in the c:\dos directory when it selects records to
display on the screen.To access the dbase on the cd with ms access
is not practical unless you want to devote a gig hard drive to the task.
I don't, that is stupid IMHO.

Hack one from Bob Parnass
Turn off the computer after Percon displays the records.
Reboot
You can deal with the file found in the dos directory since
Percon didn't get a chance to delete it. c:\dos\temp.dbf
Problem is I run several different os and multiple config in dos/win
plus there is some exotic hardware that must boot before I can even
access the hard disk boot sequence. Booting is too long a process to
do more then once a day!

Hack two Ki4je
Use windows without share.
You have to disable it in the boot and in the win.ini file.
Not easy if you don't know what you are doing.
MS access will not run if share not active. (Bummer)
Everytime a temp file is created switch to a file manager
and copy it to another location and rename.
Restore dos and win to proper configuration and run you dbase program
to manipulate the data.

Hack three Ki4je
Why didn't I think of this the first time around?
Run the percon program in win.and display your target data.
Escape back to main menu and let Percon do its nasty thing
of deleteing all its data hidden in your dos directory.
From another window run UNDELETE. HA HA You have it!
Move the files so they aren't overwriten in additional
searchs by percon's software.
This later way was necessary for me to figure out so I could avoid
alll the pain the first two ideas entailed.

Now if only someone could tell me how they got that percon cd-rom
to work under OS/2 Warp. Anyone?

Vic
73's
Victor Healey (Ki4je)

Send files and data to my anonymous incoming account via ftp at
ftp://ftp.crl.com/pub/incoming
then send a note via E mailto:vhealey@crl.com to move them to the
AR8000 (The Ultimate Handheld Scanning Receiver) site
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
Remember you can make very descriptive file names with unix file system.

610. PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-14 15:49:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <790132969.AA09491@rochgte.fidonet.org>
Source record: 262728

> From: lrk@netcom.com (Lyn R. Kennedy)
> Organization: NETCOM On-line Communication Services (408 261-4700
> guest)

> In article <3f5g2g$6f4@dsm6.dsmnet.com>,
> <mikemiller@dsm1.dsmnet.com> wrote:
>> Here's an interesting idea. The city of Des Moines, IA PD has dropped
>>all 10-codes, signal codes and other assorted non-plain language xmits.

>>of the old Highway Patrol TV show say?). Some patrolmen are now saying
>>"roger" - some say "copy" - haven't heard "acknowledged" yet - and esp.
>>no "QSL's" yet. Drunk drivers and pedestrians are just that - a violator
sto

The NY State Police (and a few other PDs in the region) are using
"received" for acknowledgement. It's pronounced REE-ceived. To my knowlege,
NYSP has never used 10 codes.

> It has been my observation that the bigger the department, the less
> likely
> they are to use codes. Unfortunately, the purpose of those code is to
> make the transmission of information shorter and clearer. Most
> departments use them to obscure things, often even from themselves.

NYPD (NY City) uses a VERY long list of codes. In fact, I doubt they say
anything in plain language. Just an exception that proves the rule, I guess.
Of course, NYC public safety is like another planet anyway....

The Rochester, NY police discontinued the use of dispatch 10-codes a
couple of years ago, but the codes they use to clear jobs were expanded to
include an "action" code followed by a "situation found" code. Since those
codes are given [sometimes a long while] after the job is dispatched, they
aren't of much use to the average scanner listener.

> in place of the signals. If you hear some cop say 'that's clear' or

That phrase is also common in the Buffalo, NY area.

```
===============================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===============================================================
```

611. Re: Yaesu FT530 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-01-14 17:06:29 UTC
From: vuckovic@interaccess
Message-ID: <3f90al$t7s@nntp.interaccess.com>
Source record: 262735
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,chi.forsale,misc.forsale

Jon Gefaell (Jon.Gefaell@Virginia.EDU) wrote:
: In article <3f66bo$hsv@nntp.interaccess.com>, vuckovic@interaccess.com wrote:

: >For Sale:
: > Yaesu FT-530 Dual Band Transciever (extended tx/rx mods)
: > Belt Clip, Standard Battery, Standard Charger.
: > No Warranty. Radio checks out fine, works perfectly.
: > Special Bonus: Will recieve crystal clear cellular telephone tx.

: Special Notice! Will _ONLY_ step in 12.5Khz in Cellular telephone band!

Sorry, I didn't realise that the step would stay 12.5KHz, regardless of
the setting that you put in the radio. I just tested it, and even if you
put it on 15KHz, it still steps 12.5. No malintentions to anyone, and
thanks Jon, for pointing that out... GV

: --
: Jon Gefaell, Computer Systems Engineer |"A well regulated Militia, being
: University of Virginia, ITC/Madison Hall | necessary to the security of a

--

Owner, Weniger Lighting Systems | George Vuckovic |
| vuckovic@interaccess.com |
|__My_Opinions_Are_My_Own__|
Weniger Lighting Systems -- Emergency Lighting Sales, Service, Installation
---

612. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-14 17:52:58 UTC
From: grady@netcom.com
Message-ID: <gradyD2EpoA.M4z@netcom.com>
Source record: 262736
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

It is also fun to program a handipacket TNC (a box the size of
playing cards with a computer serial port and radio xmit-rcv port
with processor) to emit say, an automatic id every 37 seconds, then
attach it to your HT and take it in the car with you.

What this does is to "key down" every 37 seconds with your id.

To analog users it sounds like a bronx cheer "brrrrrrraaaap"
every few seconds.

Of course it would be illegal to program it to id with other than your own
amateur id or to transmit on anything but authorized amateur frequencies.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

613. Re: Any comments on IC-7100A?

Newsgroup: rec.radio.scanner
Date: 1995-01-14 18:11:21 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2Eqly.Ex3@nntpa.cb.att.com>
Source record: 262739
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1732616CBS86.CJSRFM@vm.ucs.ualberta.ca>,
<CJSRFM@vm.ucs.ualberta.ca> wrote:

>I'm considering the purchase of an Icom 7100A scanner.
> Can anyone fill me in on the pros and cons of this unit?
> Are there better units available?
>Any comments at all are welcome.
>
>Thanks a bunch in advance!
>
>Ray Semenoff VE6RHS CJSR 88.5 FM Edmonton, Alberta Canada

I replaced my R7000 with an R7100 over a year ago and
posted this comparison. Both models scan slowly and have clunky
relays so they don't make great scanners per se.
They do make great VHF/UHF receivers, though.

COMPARING THE ICOM R7100 TO THE R7000 RECEIVER

by Bob Parnass, AJ9S

The radio RF/IF/AF portions of the R7100 are similar to the
older R7000, but the R7100 is constructed using surface
mount parts. Consequently, the R7100 is smaller. A-B tests
indicate both the R7100 and Radio Shack PRO-2006 receivers
are about equally sensitive, and more sensitive than the 6
year old R7000. Both the R7000 and R7100 are much more
immune to intermod than the Uniden/Bearcat 760XLT and the
portable PRO-43.

Many of the functions controlled by separate rotary switches
and potentiometers in the R7000 are controlled by pushbutton
switches and firmware in the R7100.

Deleted Tuning Meter, Added AFC

Too bad the R7000's analog center reading meter function was
replaced with 3 indicators on the R7100, a left arrow, a
square, and a right arrow. In my R7100, the square lights
if you are tuned within 2.5 kHz of center of an FM station,
a larger window for WBFM signals. The arrow indicates the
direction in which the tuning knob should turned to center
the receiver on the signal.

The R7100 has an interesting AFC circuit, controlled by a
front panel switch. The AFC will automagically tune the

receiver close to the center frequency if you tune near an FM signal. You can watch the frequency change as the AFC steps the receiver in 100 Hz increments (on NBFM). The AFC never quite tunes to the exact center, but tunes within a window set by a difference amplifier circuit, so the station sounds good even though the R7100 is slightly off center frequency.

Modes

R7000 and R7100 users have the same choice of modes, but they are easily selected from front panels controls in the new R7100. A rear mounted slide switch is used for USB/LSB selection in the R7000.

Fancy Firmware for Memory Organization and Scanning

The firmware in the R7100 is much more sophisticated, and a brief article wouldn't do it justice. There are 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. There are many possible ways to scan, more than listed here. You can scan:

all channels
all channels in a given bank
all channels in a given group
all channels in a given group in a given bank

all channels in a given emission mode
all channels in a given emission mode in a given bank

As with most other scanners, there is a lockout bit for each channel, so you don't have to scan the NOAA weather channel even though you have it in memory.

There are 10 pairs of search limits. The search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. I used this for searching for federal stations in the 162-170 MHz range while skipping the NOAA weather channels 162.55, 162.4, and 162.475 MHz, as well as some veteran's hospital paging channels.

The R7100 has 2 VFOs, but Icom calls them windows. There are several window scan modes, but they resemble priority scan modes in a Bearcat scanner.

Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Perhaps a bigger drawback is that both the R7100 and R7000 employs a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies

serenades the Icom user with a very annoying clickety-clack, clickety-clack!

New Memory Query Feature

The R7100, like the Bearcat 200xlt, has a feature which allows you to detect memory channels programmed with duplicate frequencies.

Tuning Step Selections

The R7000 tuning step size is selected using a rotary switch. The R7100 tuning step size is selected by using a pushbutton to step through the selections. The R7100 has more choices, including a 100 kHz step, useful for tuning around the aircraft bands.

Another new R7100 feature is that a tuning step size can be stored into each of the 900 memory channels, so when you use the tuning knob to tune off a memory channel, the R7100 tunes in reasonable increments (e.g., 12.5 kHz in the 450 MHz range, 10 kHz in the VHF-low band, etc.).

Rescan Delay Added, but Nondefeatable

Icom finally included a decent 2 second rescan delay in the R7100 which owners complained was missing from the R7000. Ironically, you cannot defeat the rescan delay in the R7100, so it's now more difficult to scan trunked systems in which the frequency changes with each new repeater transmission! Using the VSC voice squelch helps shorten the rescan delay unless scanning noisy stations.

Power Supply and More

The internal power supply in both radios runs hot. The R7100 comes with a 12 VDC power cord included, an option in the R7000.

The R7000 comes with a handy carrying handle and rubber feet, an $8.50 option on the R7100.

Added Clock and Timers

Unlike the R7000, the R7100 contains a digital clock and timers which can be used to turn the radio on and off, and tune to different channels, several times each day. I probably won't be using timers, though.

Which Radio to Buy

For fast, reliable scanning, you still can't beat a PRO-2006. If you want SSB reception, computer control, or a radio with a tuning knob and lots of features, I recommend the Icom radios.

The R7100 is more complicated to use than the R7000. There are so many firmware controlled features and there are several 2 key sequencies.

Faced with choosing between an R7000 or an R7100 in a similar price range, I prefer the newer R7100. Sensitivity aside, both are about equal communications receivers, but the R7100 is a better scanner, especially for finding new frequencies and organizing memory.

==========

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414
--

==========

Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

614. pro 51

Newsgroup: rec.radio.scanner
Date: 1995-01-14 19:00:00 UTC
From: michael.serowik@woodybbs.com
Message-ID: <93.2193.7592.0NFB8C42@woodybbs.com>
Source record: 262731

any one have a mod for a radio shace pro 51?

[A[A*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C*[C

mike

--- GEcho 1.00
Origin: Death Connections Pittsburgh, PA {412}276-8210 (73:2201/2)
GPTH: 2201/2 200/
GATE: 1:275/17 2f1a3e94 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

615. Re: Yaesu FT530 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-01-14 19:41:17 UTC
From: bob@raddev.com
Message-ID: <3f99ct$t91@remus.ultranet.com>
Source record: 262740
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,chi.forsale,misc.forsale

```
In article <3f90al$t7s@nntp.interaccess.com>, vuckovic@interaccess
says...
>
>Jon Gefaell (Jon.Gefaell@Virginia.EDU) wrote:
>: In article <3f66bo$hsv@nntp.interaccess.com>, vuckovic@interaccess.com
wrote:
>
>: >For Sale:
>: > Yaesu FT-530 Dual Band Transciever (extended tx/rx mods)
>: > Belt Clip, Standard Battery, Standard Charger.
>: > No Warranty. Radio checks out fine, works perfectly.
>: > Special Bonus: Will recieve crystal clear cellular telephone
tx.
>
>: Special Notice! Will _ONLY_ step in 12.5Khz in Cellular telephone
band!
>
>Sorry, I didn't realise that the step would stay 12.5KHz, regardless of
>the setting that you put in the radio. I just tested it, and even if
you
>put it on 15KHz, it still steps 12.5. No malintentions to anyone, and
>thanks Jon, for pointing that out... GV
>
>: --
>: Jon Gefaell, Computer Systems Engineer |"A well regulated Militia,
being
>: University of Virginia, ITC/Madison Hall | necessary to the security
of a
>
>--
>-------------------------------------------------------------------------
-----
> Owner, Weniger Lighting Systems | George Vuckovic
|
> |
vuckovic@interaccess.com |
>
|__My_Opinions_Are_My_Own__|
> Weniger Lighting Systems -- Emergency Lighting Sales, Service,
Installation
>-------------------------------------------------------------------------
-----
```

Even though there is this limitation, cell-phone
converstations can still be heard pretty well,
I have been told.

However, the 800mhz sensitivity is nowhere near as
good as scanners or my old ICW2A. Don't buy the 530
if that is really important. As a Ham radio, it is
superb.

--
==========
Radio Devices email for complete cdrom catalog
32 Queens View Road QRZ! $14.95, Buckmaster $42.95
Marlboro, MA 01752 Linux, OS/2, MAC, Windows, Unix
(508)480-0502 KD1GG Ramsey Kits, Antennas West (Ham)
*****New Radio Devices Pages on the World Wide Web*****
RD on World Wide Web http://www.raddev.com/biz/raddev/
==========

616. Re: Yaesu FT530 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-01-14 20:32:20 UTC
From: Jon.Gefaell@Virginia.EDU
Message-ID: <Jon.Gefaell-1401951532200001@cisco-slip28.acc.virginia.edu>
Source record: 262742
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,chi.forsale,misc.forsale

In article <3f90al$t7s@nntp.interaccess.com>, vuckovic@interaccess.com wrote:

>Jon Gefaell (Jon.Gefaell@Virginia.EDU) wrote:
>: In article <3f66bo$hsv@nntp.interaccess.com>, vuckovic@interaccess.com wrote:
>
>: >For Sale:
>: > Yaesu FT-530 Dual Band Transciever (extended tx/rx mods)
>: > Belt Clip, Standard Battery, Standard Charger.
>: > No Warranty. Radio checks out fine, works perfectly.
>: > Special Bonus: Will recieve crystal clear cellular telephone tx.
>
>: Special Notice! Will _ONLY_ step in 12.5Khz in Cellular telephone band!
>
>Sorry, I didn't realise that the step would stay 12.5KHz, regardless of
>the setting that you put in the radio. I just tested it, and even if you
>put it on 15KHz, it still steps 12.5. No malintentions to anyone, and
>thanks Jon, for pointing that out... GV

Never meant to imply any malintentions, I'm sure you know that. Needless
to say I was quite dissapointed when I purchased my FT530 a year or so
ago, modified it and found out.

Tomorrow I'm going to a HAMfest in Richmond (Frostfest) and keeping an eye
out for a IC-W2A, Now THAT was a radio, and 30Kc was automatic in certain
portions of the 800Mhz range... Heh heh... BTW, It performed quite nicely
(tx) into a dummy load (!) pretty much throughout 410-490 and 110-190
after hardware modifications. Intermod performance was good too. My third
or fourth radio, but my favorite for a broad spectrum of uses.

Does anyone have information on the operational characteristics of the new
FT51R and the not so new anymore IC-W21A ??

--
Jon Gefaell, Computer Systems Engineer |"A well regulated Militia, being
University of Virginia, ITC/Madison Hall | necessary to the security of a
--| free State, the right of the
Monticello Area Virtual Village | people to keep and bear Arms,
Systems Designer and Operations Manager | shall not be infringed."

"I swear to protect the Constitution of The United States (Will chmod (
of America against all enemies, foreign or domestic.") for food)
--

617. PRO-39 Modification

Newsgroup: rec.radio.scanner
Date: 1995-01-15 00:43:00 UTC
From: ronald.b#d#.barker@arch.com
Message-ID: <325.4131.111@arch.com>
Source record: 262733

DS>
DS>In article <1995Jan8.223412.1@altair.selu.edu>,
DS>pasc1961@altair.selu.edu (pasc1961@altair.selu.edu) writes:

DS>> I have a PRO-39 and would like to modify it to give me more freqs.
DS>Also, can
DS>>I modify it (easily) so that I can pick up 200-400mHz? Thanks in
DS>advance. >
DS>> Chris Gilbert

DS>Well, tried to post this once before, but I think it bounced. Here
DS>goes again. This mod. is the only freq. mod. I know of for the
DS>PRO 39, but I haven't tried it. Use at your own risk.

Chris:
I did this mod to my PRO-39 yesterday. It works great !!!

happy scanning..<Blake>

 CmpQwk #UNREG UNREGISTERED EVALUATION COPY.U6Z<C>.!

Internet: ronald.b#d#.barker@arch.com (Ronald B. Barker)
Archives BBS <user@arch.com> 1-713-722-7724 Houston, Tx
---

618. Re: RS PRO-51 mods

Newsgroup: rec.radio.scanner
Date: 1995-01-15 02:24:32 UTC
From: mcolosia@achilles.ctd.anl.gov
Message-ID: <3fa110$fd9@milo.mcs.anl.gov>
Source record: 262743
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The PRO-51 is now on sale for $219.95 as a mgr's special (unadvertised).
(This has been mentioned before w/i the last week here on this newsgrp.)
There are several units out there that have a 7A4 date code with a FCC ID
of AAO20-308 and a serial number of digits with no 'A' ... the daughter
board mod of disconnecting just the brown wire is effective when the
2+9+LOCKOUT keys are depressed; i.e., it works.

Now my question has already been asked before, but I'll ask it again:
Is there a way to transfer either a Monitor channel and/or a dedicated
channel (1-200) into the Priority Lo/Hi Limits for scanning? (Obviously
this is not possible with the unit as is, so I would imagine a hardware
mod would be necessary.)

thanks for any input,

Mark Colosia
Newsgroups: rec.radio.scanner
Subject: Re: RS PRO-51 mods
Summary:
Expires:
Sender:
Followup-To:
Distribution: world
Organization: Argonne National Lab
Keywords:

The PRO-51 is now on sale for $219.95 as a mgr's special (unadvertised).
(This has been mentioned before w/i the last week here on this newsgrp.)
There are several units out there that have a 7A4 date code with a FCC ID
of AAO20-308 and a serial number of digits with no 'A' ... the daughter
board mod of disconnecting just the brown wire is effective when the
2+9+LOCKOUT keys are depressed; i.e., it works.

Now my question has already been asked before, but I'll ask it again:
Is there a way to transfer either a Monitor channel and/or a dedicated
channel (1-200) into the Priority Lo/Hi Limits for scanning? (Obviously
this is not possible with the unit as is, so I would imagine a hardware
mod would be necessary.)

thanks for any input,

Mark Colosia

619. TR-2400 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-15 02:34:20 UTC
From: odium@usis.com
Message-ID: <3fa1jc$718@news.usis.com>
Source record: 262744
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am looking for information on modifying the Trident TR-2400 scanner to pick up cell phones. I already searched all the sites on the net, so any info would be appreciated.
Thanks

```
------------------------------Odium@USiS.COM---------------------------------
---***Selfish people are happy people.***---
-------------------------------------------------------------------------------
Check out my WEB page at
http://usis.com/~odium/
* H/P related info
* Scanner junk
* Misc. Crap
-------------------------------------------------------------------------------
```

620. Re: TR-2400 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-15 05:47:53 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD2FMrt.6D@netcom.com>
Source record: 262745
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Odium (odium@usis.com) wrote:
: I am looking for information on modifying the Trident TR-2400 scanner to
: pick up cell phones. I already searched all the sites on the net, so any
: info would be appreciated.
: Thanks

: ------------------------------Odium@USiS.COM---------------------------------
: ---***Selfish people are happy people.***---
: ---
: Check out my WEB page at
: http://usis.com/~odium/
: * H/P related info
: * Scanner junk
: * Misc. Crap
: ---
Dont think the NEWER Scanners can be modified for cell Phones otheriwse
the manufactures will have to stop making them . this can get costly for
them.Your probably better off getting a GRE converter or a scanner that

621. Re: Washington DC/Virginia Frequency lists

Newsgroup: rec.radio.scanner
Date: 1995-01-15 07:17:11 UTC
From: lburke@infi.net
Message-ID: <3fai5n$op4@lucy.infi.net>
Source record: 262746
Cross-posted to: alt.radio.scanner,rec.radio.scanner,clarknet.radio.scanner

Murple (murple@clark.net) wrote:

: Does anyone have a list of frequencies in the Washington DC/Northern
: Virginia area? Thanks...

Try the Frequency Forum BBS in Northern Virginia. 703-207-9622. Extensive
files and message areas.

--

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
Lynn Burke Newport News, Va.

622. TRUNKING TIPS ?????

Newsgroup: rec.radio.scanner
Date: 1995-01-15 07:38:43 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3faje3$4mk@hal9000.apana.org.au>
Source record: 262741
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have any tips for monitoring trunking systems? I have aor 1000xlt scanner.

Thanks matthew@hal9000.apana.org.au

Please email me!

623. Re: Want to Purchase AOR AR-8000. Where?

Newsgroup: rec.radio.scanner
Date: 1995-01-15 09:42:27 UTC
From: jdnails@best.com
Message-ID: <3faqs0$64m@news1.best.com>
Source record: 262747
Cross-posted to: rec.radio.scanner,alt.radio.scanner

"P. Randy Duran" <rduran@us.oracle.com> wrote:
>Any of you know where I can get a good deal on a new or used AR-8000?
>I live in California and _may_ choose out-of-state mail order to avoid
>sales tax.
>
>I called one mail order company in Dallas that sells them for $649
>(US version), and a local shop in CA has the same price (plus tax).
>
>Do you know any reputable mail order businesses that sell the AR-8000
>or have you heard of better prices? What have some of you paid for your'.
>I also want the RS-232 interface. Dallas' price: $110.
>
>Thanks,
>Randy Duran
>rduran@us.oracle.com

I don't know how close to the SF Bay Area you are but, I just bought 1 from
Scanners Unlimited, 1199A Laurel St. San Carlos CA 94070 (415)573-1624

US version. I told him that it wz posted all over the Net that a dealer had them
for $585.00 and he matched the price :-) CASH only though, no checks
or visa for that price. I do think te best price i saw was 589.00 .

Good luck +
ooops....ask for Glen (owner) let him know that the NET lead you to him :-)
Jack,

_____
jdnails@best.com___jdnails@aol.com____jackers@baudbbs.com
\ / \ / \
| (*) (*)
Freedom\\Not Free any more, | /
you need to buy it now. | <
| _____/
ftp://ftp.best.com/pub/jdnails /

624. Re: TR-2400 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-15 10:55:25 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3fauut$6t6@tiger1.ocs.lsu.edu>
Source record: 262748
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Maybe we should try looking for the service manual...Lots of good
information in service manuals. I think the TR-2400 is also the
Camnis HSC-050, so either one would do.
Good luck,
Dave

Odium (odium@usis.com) wrote:
: I am looking for information on modifying the Trident TR-2400 scanner to
: pick up cell phones. I already searched all the sites on the net, so any
: info would be appreciated.
: Thanks

: -------------------------------Odium@USiS.COM---------------------------------
: ---***Selfish people are happy people.***---
: --
: Check out my WEB page at
: http://usis.com/~odium/
: * H/P related info
: * Scanner junk
: * Misc. Crap
: --

625. Re: Bearcat 9000 XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-15 14:03:18 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2G9pI.Gxn@nntpa.cb.att.com>
Source record: 262751
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <dmaxwell.19.2F181426@hookup.net>,
David R Maxwell <dmaxwell@hookup.net> wrote:

>The 9000 has been out for a bit,any reports on it

I was under the impression that the Uniden/Bearcat BC9000XLT will
be available in quantities (in the USA) starting next month.

A BC9000XLT is sitting in my living room, "resting"
after being used heavily for about 2 weeks. I finished testing
and a writeup, so look for a review in a future issue of
Monitoring Times magazine.

Personally, I prefer the BC9000XLT to the 1,000 channel Radio
Shack PRO-2035 for a lot of reasons, although I would grab a PRO-2035
if a saw one at a "hamfest" price. Overall, the 9000XLT is
more "usable" -- with reasonably-sized banks of 20 channels each,
intelligent and fast Auto Store, alphanumeric tagging, etc.
CTCSS is an option for the 9000 but not available for the PRO-2035.
Although the PRO-2035 is no tortoise, it scans at only half
the speed of the BC9000XLT.

The BC9000XLT works best on an outdoor antenna so it won't
hear its own display and CPU circuitry.
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

626. Re: URG! I lost an ar8000 file help me PLEASE

Newsgroup: rec.radio.scanner
Date: 1995-01-15 14:08:40 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3fba99$4af@nntp.crl.com>
Source record: 262750
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> While playing with UNIX I managed to loose the long
> file from Mike Ellerson on the ar8000. It was an
> excellent review of the radio.I thought it was safe an did not
> and I deleted my backup copy. WRONG!
>
I received via email the lost file from Dan Fleming
(mailto:dfleming@earth.execpc.com)

I newly converted it to web format and placed it back
it's url is
ftp://ftp.crl.com/users/ro/vhealey/www/long.html
I am learning and the file now has a table of contents
because it is so long. It should also be easier to read
by merely downloading if necessary and viewing with notepad or some
text editor, I used fewer <ptags>.

Was it Ronald Regan the computer expert who said,
Always Trust, but Verify (ie backup)?

Many thanks to all those that replied.
73's
Victor Healey (Ki4je)

627. Re: URG! I lost an ar8000 file help me PLEASE

Newsgroup: rec.radio.scanner
Date: 1995-01-15 14:08:52 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3fba9k$4af@nntp.crl.com>
Source record: 262749
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> While playing with UNIX I managed to loose the long
> file from Mike Ellerson on the ar8000. It was an
> excellent review of the radio.I thought it was safe an did not
> and I deleted my backup copy. WRONG!
>
I received via email the lost file from Dan Fleming
(mailto:dfleming@earth.execpc.com)

I newly converted it to web format and placed it back
it's url is
ftp://ftp.crl.com/users/ro/vhealey/www/long.html
I am learning and the file now has a table of contents
because it is so long. It should also be easier to read
by merely downloading if necessary and viewing with notepad or some
text editor, I used fewer <ptags>.

Was it Ronald Regan the computer expert who said,
Always Trust, but Verify (ie backup)?

Many thanks to all those that replied.
73's
Victor Healey (Ki4je)

628. Re: Want to Purchase AOR AR-8000. Where?

Newsgroup: rec.radio.scanner
Date: 1995-01-15 14:16:34 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3fbao2$2h7@sparc.occ.uky.edu>
Source record: 262753
Cross-posted to: rec.radio.scanner,alt.radio.scanner

P. Randy Duran (rduran@us.oracle.com) wrote:
: Any of you know where I can get a good deal on a new or used AR-8000?
: I live in California and _may_ choose out-of-state mail order to avoid
: sales tax.

GROVE ENTERPRISES
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

629. Re: URG! I lost an ar8000 file help me PLEASE

Newsgroup: rec.radio.scanner
Date: 1995-01-15 14:23:20 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3fbb4o$4af@nntp.crl.com>
Source record: 262752
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I didn't intend to send two copies of that post.
I sent it from the web browser Netscape which I was using to
read the news. I punched the reload button after I got
the message that the article had been succesfully posted.

Reload button apparently means redo last action, not reload
for it posted the article all over again.

You live and learn. Sorry for the wasted bandwith.

BTW NETSCAPE is a fantastic way to surf the Internet
and it is FREE. Get the latest version 1.0N at URL
ftp://ftp.mcom.com/netscape

73's
Vic Healey ki4je

630. Re: Bearcat 9000 XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-15 14:32:09 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3fbbl9$4af@nntp.crl.com>
Source record: 262754
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> In article <dmaxwell.19.2F181426@hookup.net>,
> David R Maxwell <dmaxwell@hookup.net> wrote:
>

>
> The BC9000XLT works best on an outdoor antenna so it won't
> hear its own display and CPU circuitry.
> --

UGH that above dosn't sound good. Can't the engineers at
Bearcat ever get anything right? Or is it they do and
the sales dept then figures out ways to cheapen the manufacturing
process so they will make more profit per unit sold?

I am willing to bet that there are a bunch more gottchas
with this item.How does it perform when sitting next to a PC
that is running without an outside antenna? with one?

How do OTHER radios perform when sitting near this unit
while running? Especially ham ht's and hf radios? Do they pick
up its unshielded digital noise?

Vic

631. Re: Bearcat 9000 XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-15 14:32:15 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3fbblf$4af@nntp.crl.com>
Source record: 262755
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> In article <dmaxwell.19.2F181426@hookup.net>,
> David R Maxwell <dmaxwell@hookup.net> wrote:
>

>
> The BC9000XLT works best on an outdoor antenna so it won't
> hear its own display and CPU circuitry.
> --

UGH that above dosn't sound good. Can't the engineers at
Bearcat ever get anything right? Or is it they do and
the sales dept then figures out ways to cheapen the manufacturing
process so they will make more profit per unit sold?

I am willing to bet that there are a bunch more gottchas
with this item.How does it perform when sitting next to a PC
that is running without an outside antenna? with one?

How do OTHER radios perform when sitting near this unit
while running? Especially ham ht's and hf radios? Do they pick
up its unshielded digital noise?

Vic

632. Re: Bearcat 9000 XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-15 15:59:03 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2GF2F.HBt@nntpa.cb.att.com>
Source record: 262757
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I said:

> The BC9000XLT works best on an outdoor antenna so it won't
> hear its own display and CPU circuitry.

In article <3fbbl9$4af@nntp.crl.com>, Ki4je <vhealey@crl.com> wrote:

>UGH that above dosn't sound good. Can't the engineers at
>Bearcat ever get anything right?
^
|
Huh? -------+

They got the BC9000XLT and BC3000XLT right after having problems
with the BC8500XLT and BC2500XLT. Except for an out-of-tolerance
Zener diode, the older BC200XLT was right, too.

>Or is it they do and
>the sales dept then figures out ways to cheapen the manufacturing
>process so they will make more profit per unit sold?

The BC9000XLT noise is confined to discrete frequencies.
Thankfully, it is *not* the evil broadband hash made by the Radio
Shack PRO-2003 display and Regency M-400 keyboard.

The BC9000XLT noise is not bad -- but it is there. I mentioned
it because scanner buyers (like us) are entitled to know
about the warts and wrinkles as well as the merits.
Those who prefer warm, 100% positive "reviews" can read elsewhere.

>I am willing to bet that there are a bunch more gottchas
>with this item.How does it perform when sitting next to a PC
>that is running without an outside antenna? with one?

I don't know. With one exception, I avoid operating the PC and
scanners in the same room concurrently.

>How do OTHER radios perform when sitting near this unit
>while running? Especially ham ht's and hf radios? Do they pick
>up its unshielded digital noise?

During daily operation, the BC9000XLT has been a good neighbor
to my other radios -- at least on the frequencies I tried.

I do turn off my two 49 MHz baby monitor repeaters, BC300s,
and crystal controlled scanners when testing because their
local oscillators radiate signals.

The BC9000XLT is housed in a metal case and plastic front panel,
a combination I prefer to the entirely plastic case and panel
on my PRO-2005/6s.

It *would* be interesting to place all these scanners in an RF
chamber and produce an emission profile across the spectrum.
Manufacturers do this for Part 15 compliance testing
but don't make the detailed results available to consumers.
--

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

633. Re: Wanted Toronto freque

Newsgroup: rec.radio.scanner
Date: 1995-01-15 16:51:00 UTC
From: space.lodge@canrem.com
Message-ID: <60.13924.5773.0N1C9CE7@canrem.com>
Source record: 262756

-=> Quoting Ruth@cml.com to All <=-

Ru> Hi all:

Ru> I am new to this group!

Ru> Can anyone give me the Toronto freuqncies or can you give me a name of
Ru> a book of frequencies I can obtain from the library.

Ru> Ruth@cml.com

I have a file on my BBS called TORONTO.ZIP that has most of the new
frequency setup for Toronto.

David Bate
Space Lodge BBS
space.lodge@canrem.com
david.bate@lodgeware.gryn.org

... Pardon Me, But Would You Have Any Blue Poupon?
___ Blue Wave/QWK v2.12

634. Re: Percom CD-Rom (How to hack it for its data)

Newsgroup: rec.radio.scanner
Date: 1995-01-15 17:56:00 UTC
From: jbrooker@ic.net
Message-ID: <3fbnjg$obb@condor.ic.net>
Source record: 262761
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hack 4.

Print your search with the printer OFF. Allow the program to exit when
you get the printer error.

You then have the TEMP.DBF file in the root directory.

Hack 5

Use Microsoft Access. Attach the main DBF file from the CD as a table.
Create a query and then export the result. You then have whatever you
set up in the query. I did this to export all Michigan records.

ki4je (vhealey@crl.com) wrote:
: I have the Percom Cd-rom and for the most part it is ok, but...

: I hate the fact that it locks the temp.dbf file it creates
: and hides in the c:\dos directory when it selects records to
: display on the screen.To access the dbase on the cd with ms access
: is not practical unless you want to devote a gig hard drive to the task.
: I don't, that is stupid IMHO.

: Hack one from Bob Parnass
: Turn off the computer after Percon displays the records.
: Reboot
: You can deal with the file found in the dos directory since
: Percon didn't get a chance to delete it. c:\dos\temp.dbf
: Problem is I run several different os and multiple config in dos/win
: plus there is some exotic hardware that must boot before I can even
: access the hard disk boot sequence. Booting is too long a process to
: do more then once a day!

: Hack two Ki4je
: Use windows without share.
: You have to disable it in the boot and in the win.ini file.
: Not easy if you don't know what you are doing.
: MS access will not run if share not active. (Bummer)
: Everytime a temp file is created switch to a file manager
: and copy it to another location and rename.
: Restore dos and win to proper configuration and run you dbase program
: to manipulate the data.

: Hack three Ki4je
: Why didn't I think of this the first time around?
: Run the percon program in win.and display your target data.
: Escape back to main menu and let Percon do its nasty thing

: of deleteing all its data hidden in your dos directory.
: From another window run UNDELETE. HA HA You have it!
: Move the files so they aren't overwriten in additional
: searchs by percon's software.
: This later way was necessary for me to figure out so I could avoid
: alll the pain the first two ideas entailed.

: Now if only someone could tell me how they got that percon cd-rom
: to work under OS/2 Warp. Anyone?

: Vic
: 73's
: Victor Healey (Ki4je)

: Send files and data to my anonymous incoming account via ftp at
: ftp://ftp.crl.com/pub/incoming
: then send a note via E mailto:vhealey@crl.com to move them to the
: AR8000 (The Ultimate Handheld Scanning Receiver) site
: ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
: Remember you can make very descriptive file names with unix file system.

635. What freqs do pagers use?\

Newsgroup: rec.radio.scanner
Date: 1995-01-15 19:07:33 UTC
From: uport@netcom.com
Message-ID: <uportD2GnsL.x2@netcom.com>
Source record: 262758
Cross-posted to: alt.radio.scanner,rec.radio.scanner

What frequencies do pagers use? What format do they use?

636. Re: What freqs do pagers use?\

Newsgroup: rec.radio.scanner
Date: 1995-01-15 19:16:02 UTC
From: milcom@netcom.com
Message-ID: <milcomD2H6pp.CxG@netcom.com>
Source record: 262767
Cross-posted to: alt.radio.scanner,rec.radio.scanner

uport@netcom.com (Microport) wrote:
>What frequencies do pagers use? What format do they use?
>
152.0-152.24, 152.48 152.84, 157.74 158.7
454.0-454.5 mixed with mobile phone
462.775-462.925
929.0125- 931.9875

the common mode is: POGSAC 512 & 1200 baud

637. New md state police bandp

Newsgroup: rec.radio.scanner
Date: 1995-01-15 20:23:00 UTC
From: mike.agner@woodybbs.com
Message-ID: <93.2230.7592.0NFB8C5D@woodybbs.com>
Source record: 262759

@SUBJECT:NEW MD state police bandplan N
Hi everyone - recently I noted a set of msgs from one Alex Cernyakov re MD
state police frequencies; this list that he apparently got from a PG county
officer is VERY out of date. Back in late 1993, the Md state police re-arranged
their freq bandplan; part of this was the release of the old Baltimore County
39 mhz freq system (they have since implemented 3 seperate 800 mhz systems
county-wide). The MSP also got some new programmable radios. This information
comes from various sources:
a. The Radio Monitors Newsletter of Md. (some of this came
from MSP officers)
b. The 'Listening post' net I used to run in this area
c. My own observations. Those freqs I have confirmed will
be marked with a '*'.

Please refer to the posting by Alex; it is too long to repro- duce here...
MSP HQ - although 39.10 remains the main channel, there are
4 other channels available for use. I have not yet noted
much activity on them, but that may change in the future.
These frequencies are:
a2 = 39.26
b4 = 39.24 pl=146.2
b15 = 39.34 pl=127.3
b16 = 39.62
(oh I forgot to mention; unless I state otherwise, the PL
tone used is 110.9).

Here are the specific corrections to that list; Alan Henney
of CHM, please note and distribute;
Barrack Location Frequency Notes
======= ======== ========= =====
A Waterloo 39.42 Jessup closed
D Belair 39.92*
E Salisbury 39.78
F Northeast 39.84*
H Waldorf 39.06
I Easton 39.96*
K Security closed and converted to a state
holding center
L Forestville 39.30
M Perryville 39.24* simulcast on 151.04*
with SHA equip/personn.
pl=127.3
Q College Park 39.34 special crash unit for
I95/495 corridor around
College Park,Silver

Spring areas
R Golden Ring 39.44* Valley closed
S Centreville 39.80*
T Leonardtown 39.38 also used by MSP
aviation division, based
in Middle River
U Prince Frederick 39.28
V Berlin 39.60 PL=179.9

All other 39 mhz freqs are correct, as far as I know. I have
not hrd the Port of Baltimore MSP unit frequency of 154.725 yet;
I will check this.

Hope this clears up some of the confusion that seems to have
reared its ugly head on some of the msgs noted here and on the
Fido network on this subject. Hopefully when the new Scanner
Guide comes out (I hear sometime this year), all this will be
documented more fully. I am interested myself; I am one of
the contributors.

73s Mike Agner KA3JJZ

--- PCB15.1/2-GEcho 1.02
* Origin: BorderTech BBS, Hampstead, MD *USA* 410.239.4247 (1:261/1355)

638. Re: Best Scanner BBS Anyw

Newsgroup: rec.radio.scanner
Date: 1995-01-15 21:06:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501171039292632@ectech.com>
Source record: 262760

ALEX>>That's because it's an illegal area code. All area codes have a
ALEX>>middle digit of 1 | 0.

Not any more, Alex. We ran out of those last year in North America.

639. Re: What freqs do pagers use?\

Newsgroup: rec.radio.scanner
Date: 1995-01-15 23:23:48 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3fcaq4$jne@globalnews.globalvision.net>
Source record: 262762
Cross-posted to: alt.radio.scanner,rec.radio.scanner

uport@netcom.com (Microport) wrote:
>
> What frequencies do pagers use? What format do they use?
>

Mine uses 462.850mHz, however there are many in the 455-465mHz range.
As far as format though, I don't know.

Scott

640. Re: Any mods for Pro-2003?

Newsgroup: rec.radio.scanner
Date: 1995-01-16 03:07:29 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2HA0H.IG6@nntpa.cb.att.com>
Source record: 262768
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <428@kesteven.win-uk.net>,
Julian Grammer <julian@kesteven.win-uk.net> wrote about the
Radio Shack PRO-2003:

>Can you give details of this scanner? I've had a 2004 for, I'd
>guess, about six years now, but I wasn't aware of a 2003.

From the FAQ article "Buying a Used Scanner Radio" I post
monthly or so:

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10
FM commercial broadcast band channels. Includes aircraft.
Good frequency coverage and functionality, but at a high
price. Poor human engineering: difficult to read keyboard
makes the PRO2003 hard to operate unless in a well lit
room. Keyboard label coloring improved on newer units.
Rather slow scan rate and high price. Although there are
provisions for 12VDC operation, the cabinet shape and lack
of mounting bracket makes mobile operation impractical.
Scan rate only 8 channels/sec vs. 15/sec in Regency and
Bearcat. Causes RFI: Plastic case permits scanner to
radiate signals into nearby receivers.

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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

641. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-16 03:41:09 UTC
From: parnass@ihlpf.att.com
Message-ID: <D2HBKL.IJM@nntpa.cb.att.com>
Source record: 262769
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed November 30, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

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I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells information on CDROM for $100 | instead. The fields are similar to PerCon's Spectrum CDROM | (see below), but the transmitter and licensee location are | intermixed which makes query results confusing. The first | release has problems with mistakes in the data and | documentation, and I look forward to a new release to | correct these shortcomings.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells | for $29 and contains a handful of fields for every FCC | license in the US. It works well.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts in | several states, I will locate FCC licensed and selected FAA | transmitter sites in an area of your choice, and produce a | custom color map. I call this new innovation RadioMap(TM) | service. It allows you to identify antenna sites | (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood,

near your office, at an airport, and other places of | interest -- from VLF through microwave. |

This is completely different from the limited maps | displayed on the Grove Enterprises CDROM. Through a new | licensing arrangement with a professional mapping company, | RadioMap shows detailed streets, railroads, rivers, and | cities. Ham radio stations are not shown as they would | clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom color 8-1/2" by 11" RadioMap reports, | suitable for framing or laminating, for areas in any of the | 50 states. Send $19.95 for each color RadioMap, your name, address, and telephone number, along with center location | (nearest intersection of 2 streets, or latitude & | longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL | 60543. tel. 708-554-3839 6-10 PM central time.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on

the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the

taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's

"search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

642. WAXMAN RE:BC855XLT MODS

Newsgroup: rec.radio.scanner
Date: 1995-01-16 05:05:31 UTC
From: TNBS93A@prodigy.com
Message-ID: <3fcuqr$rbs@usenetw1.news.prodigy.com>
Source record: 262763

SUBJECT: BC 855XLT MODS WANTED
I WOULD APPREICIATE IT IF YOU ARE ANYONE ELSE CAN SEND ME THE MODS FOR
THIS SCANNER.I DON'T KNOW HOW TO SEND EMALE TO YOU . I AM ON THE PRODIGY
SERVICE AND DON'T KNOW HOW TO ADDRESS THE MAIL. THANKS !!!!!!!

KENNY F VICKERS

PO BOX 258

FULTONDALE, AL 35068

643. BC 855XLT MODS WANTED

Newsgroup: rec.radio.scanner
Date: 1995-01-16 05:06:14 UTC
From: TNBS93A@prodigy.com
Message-ID: <3fcus6$k3o@usenetw1.news.prodigy.com>
Source record: 262764

SUBJECT: BC 855XLT MODS WANTED
I WOULD APPREICIATE IT IF YOU ARE ANYONE ELSE CAN SEND ME THE MODS FOR
THIS SCANNER.I DON'T KNOW HOW TO SEND EMALE TO YOU . I AM ON THE PRODIGY
SERVICE AND DON'T KNOW HOW TO ADDRESS THE MAIL. THANKS !!!!!!!

KENNY F VICKERS

PO BOX 258

FULTONDALE, AL 35068

644. Re: I'm new and need help.

Newsgroup: rec.radio.scanner
Date: 1995-01-16 05:08:11 UTC
From: jumperguy@aol.com
Message-ID: <3fcuvr$qmb@newsbf02.news.aol.com>
Source record: 262765

Call up Ace Communications. I don't know the phone number, but just dial 1800-555-1212 and ask for the number. They should be able to give you the number. They have affordable scanners and as far as I know they are pretty good quality. They sell Trident style scanners. Try it out, tell me how you do. See ya later. THIS IS MY TEMP ACCOUNT!
Write me at VicDeVore1@aol.com
THE CURRENT ADDRESS LISTED IS ONLY TEMPORARY FOR ME! REPLY TO ME AT: VicDeVore1@aol.com

645. BC 855XLT ANY MODS

Newsgroup: rec.radio.scanner
Date: 1995-01-16 05:10:50 UTC
From: TNBS93A@prodigy.com
Message-ID: <3fcv4q$11ig@usenetw1.news.prodigy.com>
Source record: 262766

DOES ANYBODY HAVE ANY MODS FOR THE BC 855XLT AND IF SO WOULD YOU POST AN ARTICLE ON HOW TO ......OR EMALE ME.....OR SEND TO

THANKS !!

KENNY VICKERS

PO BOX 258

FULTONDALE AL, 35068

646. Wanted: Fun CT Freq's?

Newsgroup: rec.radio.scanner
Date: 1995-01-16 05:55:03 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-1601950055030001@slip26.netaxis.com>
Source record: 262895
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Are there any fun CT freq's out there besides the standard
police/fire/emergency ones? Anyone find anything good?

-Dave

P.S. Have a nice day.
--
Remember: If you have to ask, you don't want to know why.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

647. Re: Percom CD-Rom (How to hack it for its data)

Newsgroup: rec.radio.scanner
Date: 1995-01-16 06:24:24 UTC
From: Ki4je <vhealey@crl.com>
Message-ID: <3fd3eo$41m@nntp.crl.com>
Source record: 262876
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> Hack 4.
>
> Print your search with the printer OFF. Allow the program to exit when
> you get the printer error.
>
> You then have the TEMP.DBF file in the root directory.
>
> Hack 5
>
> Use Microsoft Access. Attach the main DBF file from the CD as a table.
> Create a query and then export the result. You then have whatever you
> set up in the query. I did this to export all Michigan records.

I tried this scheme and it appears to work but,
my qery for Ga resulted in seventy thousand records.
Everytime I tried to expot them access said that was too much.
I finally just wrote them as a rtf file that was about 80 megabytes.
That is too large to really work with I must be missing something
still. I want to export the data as an access database file.
I want to index it for FAST access.

By the way the query took over an hour? Is that right?
486DX40 with 4 meg disk cache? 2 Meg cdrom cache? 12 meg sys mem.

By the way when you attach it it asks for an index.
I see there are seven or eight index files on the cdrom
for fccusa.dbf Which did you choose?

Vic Ki4je

648. Re: trunking??

Newsgroup: rec.radio.scanner
Date: 1995-01-16 10:28:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.62.000A793E@ccm.hf.intel.com>
Source record: 262881

In article <1995Jan11.204021.11983@news.brandonu.ca> $laskowskimw@news.brandonu.ca writes:

>I am wondering if someone can explain to me what trunking means?
>Any information would be greatly appreciated

A simple example of trunking:
Instead of having every radio set to a particular frequency, the channel selector actually selects an ID. The radios are in constant communication with some type of control channel. The control channel has the ability to make the radio change frequencies.

When someone keys up, the control repeater looks for an open frequency and assignes all radios with that ID to an open channel. The main advantage to a system like this is that you could have 30 different groups (or channels) with only 5 actual frequencies. As long as traffic isn't so heavy that all 5 frequencies are always busy (actually 4 frequencies, since the control channel takes one).

Hope that make sense.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

649. Re: Electronics question..

Newsgroup: rec.radio.scanner
Date: 1995-01-16 10:37:12 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.63.000A9F10@ccm.hf.intel.com>
Source record: 262882

In article <3f7ues$rap@adam.spu.edu> rsharp@paul.spu.edu (-Nice Guy Ron) writes:

>I have some crystals that I'm not sure what they are for. Can someone
>give me a hand please?

>3.6868 (CCL)

>11.0592 (NMP 111)

>4.9152 (NMP 049)

>-4.9152 MHz (M-IPI-049).

These crystals are probably for chips (ICs) rather than for scanners. Since
scanners don't actually use the fundamental frequency of the crystal, you
could try plugging them into your scanner to see if you receive anything.

Hope that helps.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

650. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-16 11:09:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.64.000B29D6@ccm.hf.intel.com>
Source record: 262886

In article <1995Jan11.230859.26296@wmichgw> x91sensnovis@wmich.edu writes:

>We may be the only place in the nation to get your pro-43 modified to cover
>from 15 MHz to 1000 MHz no gaps!!!! Reduced sensitivity from 7 MHz to 15
>MHz. Give that great unit a new life listening to shortwave broadcasts.
>Basically you would send the unit to us and we would send it back C.O.D.
>Currently we are looking at 5 working days to return it to you. We are
>posting this to see if there would be any interest in this mod. to the
>general public. E-mail me for any further details. Thank you.

Sounds interesting but...

1. There is no name on your posting which hardly inspires someone to send
their scanner to you.

2. Doing business from a .edu site is likely to get you in trouble.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

651. FTP sites for Australian Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-16 13:37:14 UTC
From: cosi9450@rhrk.uni-kl.de
Message-ID: <1995Jan16.133714.11517@rhrk.uni-kl.de>
Source record: 262770
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any FTP sites for German frequencies?

--


```
----------------------------------------------------------------
! Dieter Mosbach , Physikstudent !
! Universitaet Kaiserslautern !
! mosbach@physik.uni-kl.de !
! mosbach@student.uni-kl.de !
----------------------------------------------------------------
```

652. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-16 14:27:14 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.12.00087473@chevron.com>
Source record: 262902
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <3f6hee$hr6@macs.mxim.com> hall@macs.mxim.com (Hal Lillywhite) writes:

>I'm happy to say, you are wrong. My FCC rule book is home so I
>can't give you the exact chapter and verse but the FCC specifically
>allows these transmissions in an emergency. Furthermore, congress
>has given the FCC exclusive power to regulate radio transmission so
>this overrides any local laws to the contrary. If you insist I will
>look up the rule and post it.

>I do remember one question from the novice exam. Something like,
>"In an emergency you cannot contact anybody on frequencies for
>which you are licensed. What do you do?" The correct answer given
>in all the manuals is something to the effect of, "Make necessary
>communications using any means available." We do have some stupid
>laws in this country, but at least here wisdom prevails.

97.403 Safety of life and the protection of property.

No provision of these rules prevents the use by an amateur station of any
means of radiocommunication at it's disposal to provide essential
communication needs in connection with the immediate safety of human life and
immediate protection of property when normal communications systems are not
available.

97.405 Station in distress.

(a) No provision of these rules prevents the use by an amateur station in
distress of any means at its disposal to attract attention, make known its
condition and location, and obtain assistance.

(b) No provision of these rules prevents the use by a station, in the
exceptional circumstances desribed in paragraph (a) of this section, of any
means of radiocommunications at its disposal to assist a station in distress.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

653. BC200XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-16 14:59:51 UTC
From: lbeach1027@aol.com
Message-ID: <3fe1l7$u5@newsbf02.news.aol.com>
Source record: 262771

I am looking for any mods for the BC200XLT. Mainly increasing volume and
battery life. Please e-mail me with any info
thanks
THIS TIME IT WILL BE THE OTHER DALE!!!!!!!!
GO 28,2,6 AND 94
FORDS FOREVER

654. Re: The FCC is among us now

Newsgroup: rec.radio.scanner
Date: 1995-01-16 15:28:14 UTC
From: hamed@netcom.com
Message-ID: <hamedD2I8B2.3BK@netcom.com>
Source record: 262772

Ken Navarre (kjn@netcom.com) wrote:
: Vertically Enhanced says:
: " Thomas Mcmath sr (UHTT98A@prodigy.com) wrote:
: " : P.S. I work in the Investigation Unit of The
: " : FCC. But I also love my scanner but believe me keep everything you hear
: " : to yourself because you never know when a person will take personally
: " : and become offended.

: Eminently good advice, but...

: Based upon the `unusual' information posted from Mr. Mcmath sr (?...) in
: other threads, I *sincerely* doubt his claim that he works in the
: investigation unit of the FCC. I tried to call the FCC field station for
: my local area and the Gettysburg office but got tired of playing with their
: voice mail... So I haven't _yet_ confirmed my suspicions.

: Perhaps he IS an investigator with the FCC. Perhaps he only cleans the
: waste cans in the office. Perhaps he is using a pseudoname. Perhaps he is
: just a well intentioned guy that feels the need for a bit more `clout' to
: support an opinion so he claims to be someone who he is not.

: In any event, his claims that the FCC has seized vehicles following
: prosecution for an ECPA violation is absurd! Then again, abuses of power
: DO take place and rectification requires the abused to followup with
: legal action to correct it. Things like that are like UFO's. They always
: happen to the other guy. I could sure use the award money from an `abuse
: of power' or wrongful prosecution case...

: My observation only...

: Ken Navarre
: --

I find no Mcmath listed in the FCC telephone directory, dated 7/28/94.

bob
--

Hammett & Edison Inc engr@h-e.com
San Francisco 707/996-5200

655. Scanner GURU on National Radio Show!

Newsgroup: rec.radio.scanner
Date: 1995-01-16 15:50:17 UTC
From: lenwink@indirect.com
Message-ID: <lenwink.316.0008D6D6@indirect.com>
Source record: 262773

Bob Parnass, AJ9S, will be the special guest this Sunday, 1/22/95, on the Ham Radio & More show at 6:00pm EST. The show is on the Talk America Network and via satellite on Spacenet 3, Transponder 9, 6.8 audio. Bob has many years experience in scanners as well as currently writes for Monitoring Times Magazine, publishes his own monthly publication, and is a technical advisor for the ARRL. So don't miss this show. You can call in and ask questions of Bob at 1-800-298-8255 during the show.
For more info on the Ham Radio & More Show, call 1-602-241-1510 or visit our home page courtesy of BARC.
Home page at:
http://www.acs.oakland.edu/barc/ham-more/ham-more.html

73,
Len, KB7LPW

656. Proposed PRO-43 modification mini-FAQ

Newsgroup: rec.radio.scanner
Date: 1995-01-16 15:56:41 UTC
From: gdallal@world.std.com
Message-ID: <D2I9MH.GFH@world.std.com>
Source record: 262774

** ** Because there is a continuing demand for it, this mini-FAQ
about frequency modifications for the PRO-43 will be posted
weekly until someone tells me to "get rid of it". ** **

Which PRO-43 units can be modified?

Modifiable | Nonmodifiable
|
serial number no A in # | begins with A
FCC-ID AA020-300 | AA020-300A

There are no software modifications for the PRO-43. It is
not possible to extend the frequency range of the radio by
pushing buttons from the keypad. Such modifications are
possible with other units, such as the PRO-51, but *not* with
the PRO-43. The PRO-43, made by GRE (General Radio
Electronics) of Japan, is one of Radio Shack's few triple
conversion units. Radio Shack units with software
modifictations are double conversion units made by Uniden.

Modification procedures for other radios are available by
anonymous ftp from the pub/hamradio/mods/<manufacturer>
subdirectories at oak.oakland.edu.

The modifications follow. There is some debate about whether
step (5) is worthwhile. Many report poor reception; others
report that the unit is not designed for good low band
reception. So, if you trash the diode in step 4 or want to
quit while your ahead, don't lose sleep over it.

From: armille@afterlife.ncsc.mil (A. Ray Miller)
Newsgroups: alt.radio.scanner
Subject: TWO frequency mods for the PRO-43
Summary: cellular (870-890 MHz) and low band (51-88 MHz) restoration for PRO-43
Message-ID: <1992Aug20.045656.5971@afterlife.ncsc.mil>
Date: 20 Aug 92 04:56:56 GMT

A few people have mentioned the cellular mod for the PRO-43; it turns out
you should not remove but MOVE the diode. Doing so allows cellular coverage as
well as low band (up to 88 MHz) coverage.

Acknowledgments to Grove Enterprises; this information came from them.
They are selling the PRO-43 for $300 which is $50 less than Radio Shack.
I have no connection with them other than as a satisfied customer.

PRO-43
Cellular Frequency Restoration and Low Band Expansion

Note: It is not lawful to monitor cellular or conventional mobile telephone conversations.

The following procedure requires familiarity with microcircuit soldering and will violate your warranty. Grove Enterprises assumes no liability resulting from its attempt, nor will accept the modified scanner for return under any condition.

TOOLS NEEDED: Fine point, low power soldering pencil; solder wick or a desoldering tool; pointed awl, hemostats or pointed tweezers; small Philips screwdriver; solder.

1) Remove the battery, antenna and back cover (held in place by four screws).

2) Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up from the board. Carefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3) Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4) Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labeled D1-D5 above it. Only diodes D1, D2, and D4 are present; assisted by a pointed tool, unsolder and remove D4, the lone diode (this restores cellular frequencies which will be searched in 30 kHz steps).

5) Resolder the removed diode carefully into position D3 to extend low band coverage to 88 MHz.

6) Reassemble the boards, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency between 870 and 890 MHz (cellular) and 51-88 MHz (low band).
--

657. Re: Best Scanner BBS Anywhere...

Newsgroup: rec.radio.scanner
Date: 1995-01-16 15:57:47 UTC
From: davew@pai-west.com
Message-ID: <3fe51r$4p2@guysmiley.blarg.com>
Source record: 262875

Effective 1/15/95 the "360" area code went into effect in washington state

Dave

In article <kamakiz.789851881@larry>, kamakiz@larry.wyvern.com says...
>
>achern@io.avl.umd.edu (Alex Chernyakov) writes:
>
>>Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:
>>: Hmmmm....Sounds nice..but my telephone company says they ain't heard
>>: of no (360) area code. no can do from here.......
>
>>That's because it's an illegal area code. All area codes have a middle
>>digit of 1 | 0.
>
>>-Alex.
>Yes Alex, But As of Jan 1st 1995, that law was no longer vaild, there IS
no
>more area codes
>
>Just As 703 In Virginia will SPlit to 540 in July 95
>
>Dont Belive me ask the operator. heck my op know..
>
>--
>Kamakize --Creator Of MusicZine--
>For Info: E-mail Kamakiz@infi.net or Kamakize@delphi.com
>or Us Mail Po Box 38 Troutville Va 24175 -

658. Yupi freq calibration (was AR8000 Rx signal breakup)

Newsgroup: rec.radio.scanner
Date: 1995-01-16 16:40:09 UTC
From: horak@convex.com
Message-ID: <3fe7h9$e4c@eugene.convex.com>
Source record: 262877

In <3fc0ub$l6l@panix3.panix.com> schuster@panix.com (Michael Schuster) writes:

>I think your stuck with it; though the problem will obviously be worse if
>your scanner's frequency calibration is way off - causing more of the FM
>signal to get chopped by the IF filter.

Speaking of freq calibration being way off, my Yupi MVT7100 readout was 5KHz lower than the actual freq on VHF/UHF low. I had to program freqs 5KHz low if I wanted them to sound good. Actually, they were about 4KHz low. Anyway, with Yupi technical help being nonexistent, I took the unit apart (easy) and pulled the front off. There are several boards in there but it was obvious that the calibration was on the bottom board. There are only two adjustments that can be seen when the unit is opened up. Anyway, I made special note of where these adjustments were tweaked since I didn't know for sure what they would do. The lower adjustment was the right one (upper one is a coil, bottom one is someo sort of TXC) and I managed to get my VHF/UHF low in line. I noticed that the 800 MHz band gets off frequency in the OPPOSITE direction when this is tweaked so I had to find a happy medium in the adjustment that left my lower bands about 1KHz above the readout and the 800 MHz band about 3 KHz below the actual readout. Anyway, I consider my effort a success, not having any schematic or a clue as to what was what! I should have made a note of the actual ref designations in case any of you have a similar problem but I didn't. Anyway, once you get inside, it's fairly obvious. One other note, as soon as the front/back separates when you take it apart, you loose all memories!

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

659. Radio Manager (Win) and AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-16 16:49:57 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fe83l$n46@nntp.crl.com>
Source record: 262901
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Here is some email I just received from the author of
Radio Manager. mailto:71052.2416@compuserve.com to reach him
with your comments.
A working copy of Radio Manger and File Manager is in my ~/www
directory and can be reached from ar8000.homepage
Possibly someone may want to forward to him technical info
to assist him in considering the ar8000 asap. Thanks to
the folks who wrote to tell me how to contact someone on
Compuserve.

Note I added a web page that searchs the internet for
text etc. Let me know how it works for you and your web
browser from the ar8000 page. I stole the idea from a site
while surfing the net and I think it is a neat powerful trick
that you may benefit from!

<Grin>

Hi Vic,

Thanks for uploading Radio Manager for me. Radio Manager only controls the
Icoms and OptoScan456 radios now, not the AR8000. I know that radio has an
interface and lots of other great features, but I don't know any more than that
about it. If it uses the Icom CI-V protocol, programming would be pretty easy.
Otherwise, it would be quite difficult, especially since I don't have an AR8000.
I would like to have one, but I don't have the money for one now. I don't have
WWW access yet, but should fairly soon, and I am anxious to check out any radio
related information. Thanks for telling me where to look.

As a matter of fact, I'm going to be releasing FM 1.06 today. It adds 3 new
fields: Squelch Tone, Repeater Offset (-/+), and an Auxiliary File. I use
Borland Pascal and the Paradox Database Engine, so switching to Access, is not
as easy as it would be in VB. I'm curious. How would you use FM differently if
I added OLE support? I like incorporating new technology into my programs, but
I haven't thought too much yet about how OLE would improve FM or RM. I'm always
open for suggestions. That's why I've made most upgrades to my programs. Thank
you for taking the time to let me know what you think.
Sincerely & 73,
Ben

73's
Victor Healey (Ki4je)

Send files to ftp://ftp.crl.com/pub/incoming
then send a note via E mailto:vhealey@crl.com to retrieve them.

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

660. Re: Trunk Monitoring

Newsgroup: rec.radio.scanner
Date: 1995-01-16 18:03:44 UTC
From: tdave365@aol.com
Message-ID: <3fece0$55c@newsbf02.news.aol.com>
Source record: 262878

#I would suggest that the best equipment to use is the same make and model
#as is used on the system that you want to listen to. With a letter of
#authorization from the operators of the system, you can get the equipment
#properly programed to follow the services you want to .

Have you actually tried this? I would like to hear more.

Dave

"Sometimes a wannabe is all you have to be..."

661. ANY Pro-39 mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-16 18:09:06 UTC
From: adamatt@aol.com
Message-ID: <3feco2$5ro@newsbf02.news.aol.com>
Source record: 262879

Does anybody have ANY mods for the PRO-39? Any and all would be much appreciated. Thanx!

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

662. Re: Military Aircraft Mod for Pro-39

Newsgroup: rec.radio.scanner
Date: 1995-01-16 18:09:11 UTC
From: adamatt@aol.com
Message-ID: <3feco7$5s0@newsbf02.news.aol.com>
Source record: 262880

You said in the newsgroup rec.radio.scanner:

>I have a Pro-39 scanner that has been modified to receive the
>cellular frequencies (though I certainly don't listen to them)
>and I am interested in receiving military aircraft transmissions
>but my scanner doesn't pick-up those frequencies. Is there a
>modification to allow my scanner to receive them?

Do you still have the mod that you used to get cellular capabilities? If not, can you tell me where I can get it? I have been looking all over for mods for my PRO-39. I would REALLY appreciate it. Thanks!

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

663. Pro-2004 oddity

Newsgroup: rec.radio.scanner
Date: 1995-01-16 18:12:58 UTC
From: jfair@vt.edu
Message-ID: <3fecva$ca2@solaris.cc.vt.edu>
Source record: 262914
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have a Pro-2004, which is supposed to have 300 channels. Somehow mine has 400, and receives cellular with ease. I think that this may be a prototype of the Pro-2006, except for the cellular capability. Anyone who has any ideas, reply.

664. Any PRO-2027's out there?

Newsgroup: rec.radio.scanner
Date: 1995-01-16 18:40:27 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Jan16.184027.1916@news.csuohio.edu>
Source record: 262883

Looking for mods to PRO-2027. Can find 2026, 2028, and 2030 in
the various archives, but no mention at all of the 2027.
Searching for a friend. Was this a short-lived model from RS?

Thanks,

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

665. TRX MODS (xtended coverage)??

Newsgroup: rec.radio.scanner
Date: 1995-01-16 18:40:55 UTC
From: MICHEL LETORT <73064.2342@CompuServe.COM>
Message-ID: <3feejn$jk0$2@mhade.production.compuserve.com>
Source record: 262884

Hello,

I am looking for modifications to extend the frequency coverage
of several handheld and mobile transceivers, especially to
receive the AM airband.
Can somebody indicate where I can find such information ???

Thanks

Michel 73064,2342@compuserve.com

666. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-16 19:02:13 UTC
From: gd@RCINET.res.utc.com
Message-ID: <1995Jan16.190213.15073@cronkite.res.utc.com>
Source record: 262885

In article <D2D44y.FIu@news.arco.com>, Glen Arceneaux <ddjgwa@arco.com> writes:
>I recently purchased an AR8000 at Tucker Electronics in Dallas. I
>discovered two annoying problems:
>
>1. The BandPlan data for the unit was UK - based. This made the "Auto"
>mode virtually useless for me here in the States.
>
>2. The dial selector appears to have a "bounce" problem, making the
>entry of channel annotation (and all entries from the DIAL) annoying.

I also have the bounce problem with the dial selector on my AOR8000 but my
bandplan is a fairly good US plan (some errors though).

Are they selling units in the US that have been cellular castrated but have
the UK pandplan? I thought those two operations would be done together.

667. heard on the air

Newsgroup: rec.radio.scanner
Date: 1995-01-16 19:14:59 UTC
From: lambrose@csc.com
Message-ID: <3fegjj$6e2@explorer.csc.com>
Source record: 262887

In the aviation newsgroups I usually read, there are often interesting
and funny conversations heard on the air between Air Traffic and pilots.
Thought I would try something similar here. Thanks to all who have
helped me find freqs in the Seattle area to try my new scanner on.

Robert 4: Robert 2, are you in the parking garage ?
Robert 2: Afirm.
Robert 4: Where are you ? I don't see you.
Robert 2: In the police car with the flashing lights on top!

Dispatch: Animal control is coming for the stray dog, what kind is it?
Adam 7 : What?
Dispatch: They want to know what kind of dog it is.
Adam 7 : I don't know dogs. It's a small fuzzy one.

Union 6 : Request a 932 (Seattle code for coffee break)
Dispatch: Go ahead.
Union 2 : Union 2 will back.
Dispatch: OK.

My best wishes for the friends and families of our four lost firefighters.

Laren Ambrose Computer Sciences Corp.
Contract to the: FAA, Airports Division, Seattle
(or) lambrose@hq.faa.gov

668. cellular unlock for AR-80

Newsgroup: rec.radio.scanner
Date: 1995-01-16 19:19:00 UTC
From: wayne.suite@woodybbs.com
Message-ID: <93.2312.7592.0NFB8D24@woodybbs.com>
Source record: 262888

Only thing I know to do is to purchase a converter which converts the 800-900 Mhz band to 400-500Mhz which is receivable on the AR8000. Good luck. Wayne

--- FMail 0.98
Origin: ab5sm1netcom.com (73:6101/0)
GPTH: 6101/0 200/
GATE: 1:275/17 210c3ec7 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

669. Uniden BC2500XLT info

Newsgroup: rec.radio.scanner
Date: 1995-01-16 19:22:00 UTC
From: wayne.suite@woodybbs.com
Message-ID: <93.2313.7592.0NFB8D25@woodybbs.com>
Source record: 262889

Incredible Universe readily sells these units for $298 each. Wayne

--- FMail 0.98
Origin: ab5sm1netcom.com (73:6101/0)
GPTH: 6101/0 200/
GATE: 1:275/17 13eb4d1d Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

670. Toronto 800 MHz Band

Newsgroup: rec.radio.scanner
Date: 1995-01-16 19:24:00 UTC
From: wayne.suite@woodybbs.com
Message-ID: <93.2314.7592.0NFB8D26@woodybbs.com>
Source record: 262890

If your friend modified his PRO-46 then please upload this modification as I have not seen any for the PRO-46 to restore cellular receptions and all would be interested in it. Please Share! Wayne

--- FMail 0.98
Origin: ab5sm1netcom.com (73:6101/0)
GPTH: 6101/0 200/
GATE: 1:275/17 2b79b742 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

671. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-16 19:28:19 UTC
From: bundy@also.hooked.net
Message-ID: <3fehcj$5nq@also.hooked.net>
Source record: 262891

ddjgwa@arco.com (Glen Arceneaux) wrote:

>On a technical note, can anyone tell me how to delete a
>complete bank of frequencies through the programming
>interface? The Interface manual speaks of an MQ
>command that can "delete the present memory channel or
>bank when in the memory read mode only." I have been
>able to successfully delete individual channels, but
>not a complete bank.

Sure, Glen.

Go into 2VFO mode. Then do FUNC 9. Go down to MEMO DATA. Then
hit ENTER. Pick the bank that you want with the rotary dial and
hit enter. The entire bank will be deleted.

Bundy

672. Pro43 4SALE

Newsgroup: rec.radio.scanner
Date: 1995-01-16 19:29:00 UTC
From: wayne.suite@woodybbs.com
Message-ID: <93.2315.7592.0NFB8D27@woodybbs.com>
Source record: 262892

If it is the same model PRO-43 I have I would'nt call it beautiful sound quality!!!! Wayne

--- FMail 0.98
Origin: ab5sm1netcom.com (73:6101/0)
GPTH: 6101/0 200/
GATE: 1:275/17 357d16a5 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

673. Bearcat BC220XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-16 20:00:43 UTC
From: Rodney Ivester <73304.1110@CompuServe.COM>
Message-ID: <3fej9b$l24$1@mhade.production.compuserve.com>
Source record: 262782
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Anybody know of any mods available for the BC220XLT???

674. Cleveland Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-16 20:02:03 UTC
From: af244@cleveland.Freenet.Edu
Message-ID: <3fejbs$1qk@usenet.INS.CWRU.Edu>
Source record: 262893

I'm looking for Cleveland frequencies. I do have Dist 1 PD and Police
Auxiliary, and would appreciate other PD districts, Fire, EMS, etc...

Steve
--
STEVE SCHOCHET [Public Key Available]

Seeking sensuality in the extreme & sensations that capture my consciousness!

675. Chips found on AR8000 Computert Interface

Newsgroup: rec.radio.scanner
Date: 1995-01-16 20:14:35 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fek3b$sgf@nntp.crl.com>
Source record: 262780
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>I don't expect any of my scanners to be good at rejecting
>noise from a computer or terminal, expecially while using
>an indoor antenna.
>
>As you probably know, the best remedy is to stop the
>noise at its source not the receiver. If the noise is emitted
>into the atmosphere, any scanner with an indoor antenna
>will hear it.
>
>Now, I have a question for you: For $100+, what does
>one get when buying the computer interface for the AR8000?
>I mean, is it just some cabling that you could make up yourself
>or are there actually ICs and other components?
>
>Thanks.
>
>==
>Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpf.att.com - (708)979-5414

Well Bob I took apart the AR8000 interface this afternoon for a quick look.

What I found was that inside a tightly built little cast aluminum case
there was a single double sided circuit board with plated thru holes.
There were 12 caps 1 transistor three ics 1 Led and five other diodes and I
guess a half dozen resistors.

Not much.

Now the computer feeds a mini rs232 plug on the back side of the board.
Associated with this area is a Maxim MA232 CPE IC 9405B
There are six caps tied to this chip, five of them identical 22uF at 16 volts.

The program slot from the AR8000 is tied to Toshiba 8920H
74 HC 157 AP

The clone slot from a AR8000 is tied to a Toshiba 9346H
74 HC 123 AP

At first I though the board was missing a bunch of prospective
componets but I realized that all those nice holes where well
plated thru and provided a connection to both sides electrically.
That made tracing out the circuit alot harder then I am willing
to do in my limited time. Sorry.

I can see that the program slot is the one that provides the power.
There doesn't look like any power is taken from the clone side.

The board should be dead if the ar8000 is plugged in here only.

676. State Police freq needed for Mass

Newsgroup: rec.radio.scanner
Date: 1995-01-16 20:42:34 UTC
From: bnbrock@noc.bbn.com
Message-ID: <3felnq$gl9@noc.near.net>
Source record: 262894

If anyone has a good list of the State police freq spanning from the
Bridgewater area to the Cambridge area it would be appreciated.

Thanks in advance
Brian
-- ---

677. BC 760

Newsgroup: rec.radio.scanner
Date: 1995-01-16 21:13:54 UTC
From: John Lawson <jrlawson@u.washington.edu>
Message-ID: <Pine.A32.3.91c.950116130921.36969D-100000@homer03.u.washington.edu>
Source record: 262783
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Have an opportunity to purchace a "new" BC 706 that can be "modified"
as many of the cell phones are going digital, is this a purchace a
newcommer to scanning would be wise to make?

678. Calgary Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-16 21:39:54 UTC
From: EGLID@cia.com
Message-ID: <3ff03o$969@net.fonorola.net>
Source record: 262896

Can anyone send me a listing of the main police frequencies and any other hot frequencies for the City of Calgary, Alberta. Would appreciate if replies were sent to my mail address.

Thanks Dave.

679. BC855XLT Modifications

Newsgroup: rec.radio.scanner
Date: 1995-01-16 22:11:49 UTC
From: browere@einstein.cnrs.humboldt.edu
Message-ID: <9501162209.AA19548@einstein.cnrs.humboldt.edu>
Source record: 262897

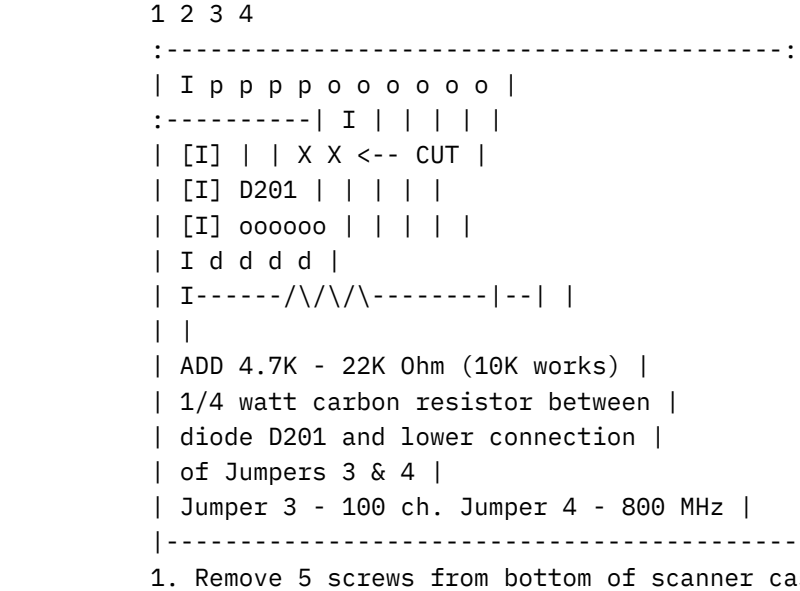
Help me find a way to implement the keypad modification! Read my previous post "BC855XLT Keypad Mod Found!" for more info. -Eric

Usual disclaimer- I did not write this modification and I take no responsibility for its accuracy or legality...

UNIDEN BC-855XLT MODIFICATIONS (OLD BOARD ONLY)

NOTE: use ONLY on boards marked PH-120AE.... use on any other board will COOK your Scanner

Scope of modifications:
[1] Allow continuous 800 MHz receive.
[2] Increase channel capacity from 50 to 100 ch.


1 2 3 4
I p p p p o o o o o o
I
[I]
X X <-- CUT
[I] D201
[I] oooooo
I d d d d
ADD 4.7K - 22K Ohm (10K works)
1/4 watt carbon resistor between
diode D201 and lower connection
of Jumpers 3 & 4
Jumper 3 - 100 ch. Jumper 4 - 800 MHz

1. Remove 5 screws from bottom of scanner case.
2. Carefully separate case top and bottom.
3. Unplug connector to the internal speaker.
4. Locate diode D201 and 4 jumpers near edge of circuit board.
5. Cut the 3rd and 4th jumpers near the middle and fold downwulate leads, if necessary.
6. Connect the lower part of jumper 3 & 4 to one end of a 10K Ohm 1/4 watt carbon resistor, insulate all exposed leads.
7. Connect the other resistor lead to the lower connection of diode D201, DO NOT cut any leads on D201.
8. Make sure all exposed leads aren't touching any other connections, insulate as required, tack in place with a dab of RTV silicone, or low temp hot glue.
9. Reassemble scanner, make sure to plug the speaker back in. You should now have a scanner with 100 chs. numbered 01-00 s

in 5 banks of 20 ch. and continuous 800 MHz coverage.

** This information for educational and lawful use ONLY **

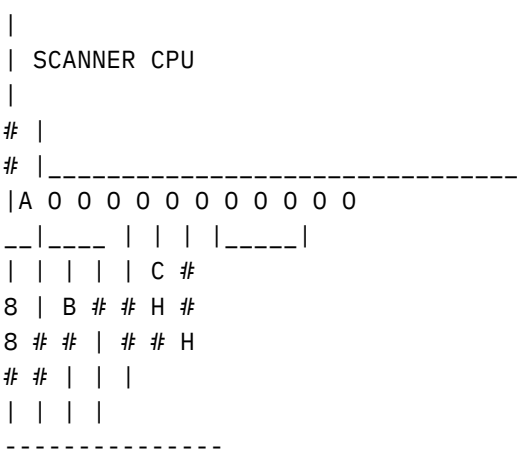
USE ONLY AT YOUR OWN RISK! Neither the author nor the poster of this instruction file claims any responsibility towards damage to equipment.

NOTE: This mod is for _older_ models of this scanner!!! The reported new boa
rd _will be destroyed_ if this modification is used.....

BC 855 XLT Modifications (NEW BOARD ONLY)

First of all, This mod is for newer BC-855XLTS with circuit board labeled "PH-120AF" ONLY.
1. remove antenna and power from unit.
2. remove cabinet from unit.
3. locate circuit board attached to the top panel and remove the screws holding it down.
4. locate the chip jumper shown by "H" below; apply heat with soldering iron and remove it carefully, using a desoldering tool or wick. Save the chip incase you wish to restore for warranty repair later.
5. Cut enough lead to route the 10K resister between point A and C or alternately Band C. Scrape the green insulation off circuit at C or solder directly to chip at B. Solder the other end of the resistor to the upper pad where you removed the chip jumper in step 4. Be sure to slip a bit of insullation on the leads of the 10K resistor to ensure it does not short against anything
6. Reassemble by reversing steps 1, 2 and, 3. Test by entering a frequency
between 869 and 894 MHz (870.000MHz).

NOTICE : IT IS ILLEGAL TO MONITOR
CELLULAR CONVERSATIONS IN THIS RANGE



I hope this crude drawing doesn't confuse you.

LEGEND:
O = cpu leads
8 = coil or inductor
A, B, C Points to solder 10K resistor

```
H = chip jumper to remove.
# = chip resistor or diode
| = vertical circuit trace
_ = horizontal circuit trace
--------------------------------------------------------------------------
```

680. For Sale- BC855XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-16 22:20:07 UTC
From: browere@einstein
Message-ID: <3feren$ag0@nic-nac.CSU.net>
Source record: 262898

BC855XLT for sale. 50 channels, 800 MHz coverage (cellular blocked).
Excellent condition. Modifiable for 100 channels and cellular, but
not modified. Will include manual, power supply, standard antenna
and modification instructions. $100 firm.

Email any questions.

Thank you,
Eric (browere@einstein.cnrs.humboldt.edu)

681. Re: TRUNKING TIPS ?????

Newsgroup: rec.radio.scanner
Date: 1995-01-16 22:33:52 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3fes8g$ajc@umcc.umcc.umich.edu>
Source record: 262784
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3faje3$4mk@hal9000.apana.org.au>,
Matthew Volkmer <matthew@hal9000.apana.org.au> wrote:
>
>Does anyone have any tips for monitoring trunking systems? I have aor
>1000xlt scanner.
>
>
>Thanks matthew@hal9000.apana.org.au
>
>Please email me!
>

Matt, put all the trunked channels for a system in one bank and turn off
any channel delay. If you keep them in one bank and really need to follow
a conversation you can quickly turn off all other banks and just listen
to your trunked system. The reason the delay is set to off is because
when the radio is un-keyed it may very well come up on another freq next
time they key it up again, so you don't want to waste any time listening
to nothing. You also need to be quick with your fingers on the scan
button. You may have to scan past other conversations to get back to the
one you want. It's a hassle but isn't too bad if you don't have too many
systems to follow or too large of a system...Good Luck!

--
Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
lbutler@umcc.umich.edu Compuserve 72673,321
Ham Callsign expected in Feb. Have a great Day!

682. Re: TRUNKING TIPS ?????

Newsgroup: rec.radio.scanner
Date: 1995-01-16 22:51:59 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fetaf$4qj@nntp.crl.com>
Source record: 262786
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> In article <3faje3$4mk@hal9000.apana.org.au>,
> Matthew Volkmer <matthew@hal9000.apana.org.au> wrote:
> >
> >Does anyone have any tips for monitoring trunking systems? I have aor
> >1000xlt scanner.
> >
> >
> >Thanks matthew@hal9000.apana.org.au
> >
> >Please email me!
> >
>
>
> Matt, put all the trunked channels for a system in one bank and turn off
> any channel delay. If you keep them in one bank and really need to follow
> a conversation you can quickly turn off all other banks and just listen
> to your trunked system. The reason the delay is set to off is because
> when the radio is un-keyed it may very well come up on another freq next
> time they key it up again, so you don't want to waste any time listening
> to nothing. You also need to be quick with your fingers on the scan
> button. You may have to scan past other conversations to get back to the
> one you want. It's a hassle but isn't too bad if you don't have too many
> systems to follow or too large of a system...Good Luck!

I might add in a situation where you are concentrating on
a particular breaking event, bypass any channel that
has telephone conversation on it. These tend to linger and the same
set of channels usually will get the phone connection in
later calls. Also with the aor 1000 the tunning knob at top
will help you move on. The 1000 isn't an ideal unit for celluar
scanning beecause it checks even empty channels instead of
skipping them. That takes time.

Vic

683. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-16 23:18:16 UTC
From: kjn@netcom.com
Message-ID: <kjnD2Iu2J.8EG@netcom.com>
Source record: 262899

Grady Ward says:
" It is also fun to program a handipacket TNC (a box the size of
" playing cards with a computer serial port and radio xmit-rcv port
" with processor) to emit say, an automatic id every 37 seconds, then
" attach it to your HT and take it in the car with you.

" What this does is to "key down" every 37 seconds with your id.

" To analog users it sounds like a bronx cheer "brrrrrrraaaap"
" every few seconds.

Arrrrrghhh!

So you're the guy.... :)

Ken
--

684. Re: TRUNKING TIPS ?????

Newsgroup: rec.radio.scanner
Date: 1995-01-16 23:55:11 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2Ivs0.7vK@nntpa.cb.att.com>
Source record: 262788
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3faje3$4mk@hal9000.apana.org.au>,
Matthew Volkmer <matthew@hal9000.apana.org.au> wrote:

>Does anyone have any tips for monitoring trunking systems? I have aor
>1000xlt scanner.

I found that it helps a little to scan the frequencies in descending
order when monitoring the 5 channel Motorola trunked system
used by Naperville (IL), the city in which I work.

I leave the delay and data skip (aka sound squelch) off, of course.

This won't work with the newer Bearcat BC9000XLT and BC3000XLT
scanners which scan frequencies in ascending order within each bank
no matter the order in which they are programmed.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

685. Re: Cell Phone Frequencys

Newsgroup: rec.radio.scanner
Date: 1995-01-17 00:01:12 UTC
From: Unknown
Message-ID: <1995Jan17.000112.27368@sol.UVic.CA>
Source record: 262900

In article <Cxy8As.G47@umassd.edu>, jnormandin@umassd.edu (JERRY NORMANDIN) says:
>
>Anyone want a listing of CELL Phoone Freqs. I've got them. Programmed all of /
>programmed them in my AR1500 (OUCH) PO600
>
I would like a listing of cell phone freqs if you can. You can
leave them here or e-mail them to me. B. Grewal

686. Cleveland Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-17 00:38:24 UTC
From: leonello@delphi.com
Message-ID: <9501161941591.The_Win-D.leonello@delphi.com>
Source record: 262903

460.150 460.225 460.275 460.400 460.475 460.500 460.125 cleve police
33.72 33.90 cleveland fire
155.16 ems
155.28 155.34 155.22 hospitals
418.625 418.900 dea
172.325 this is the best freq in town, some kinda task force. check this out.

just a few from memory tell me if you need more

687. Re: PRO-43'S FOR SALE. NEW AND MODIFIABLE.

Newsgroup: rec.radio.scanner
Date: 1995-01-17 00:52:55 UTC
From: jagst18+@pitt.edu
Message-ID: <3ff4d7$5b4@usenet.srv.cis.pitt.edu>
Source record: 262904

Dale Gadd (dalegadd@aol.com) wrote:
: I have several new PRO-43's for sale. In the box and all bearing
: production codes ending in a 3 (1993) and no "A" at the end of the FCC ID.
: These units were purchased from a Radio Shack that a year ago ordered
: three units and was shipped 30 instead. $325 (regular price $349). All
: are in original packing including manual and silica gel. E-mail me for
: more information.

YOU ARE NUTS!! The Radio Shacks around here (Pittsburgh, PA) all selling
Pro-43's for $287.97!

Most (all that I have seen) are modifiable.

JAG

688. Re: BC3000XLT Where can you buy it?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 01:03:22 UTC
From: mikeeddinger@delphi.com
Message-ID: <Z2wZBHS.mikeeddinger@delphi.com>
Source record: 262905

What makes the Bearcat so hot ??

689. Re: PRO-43 Software Mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 01:13:58 UTC
From: mikeeddinger@delphi.com
Message-ID: <ZW5bpjW.mikeeddinger@delphi.com>
Source record: 262906

Can you Email me info for PRO 43 mods ??

690. scanner to vox recorder

Newsgroup: rec.radio.scanner
Date: 1995-01-17 01:38:18 UTC
From: jcosiman@clark.net
Message-ID: <3ff72a$9ih@clarknet.clark.net>
Source record: 262907

I've tried two cables to attach my r/s Pro-51 to my r/s CTR-75 vox tape recorder. The first one I got was r/s cat# 42-2152A - Shielded Attenuating Audio Cable. I didn't think I needed an attenuating cable (I'm going from my headphone out on my scanner to mic in on the vox deck), but the rat shack sales guy told me I needed an attenuating cable. It didn't work. Symptoms: tons of 'noise' in the recording. The best way I can describe it is that there would be a hissing sound starting out very quietly, then getting louder and louder. Usually, it was broken my a transmission, but I got the feeling that I would just continue along...

So I figure, OK, I need a non-attenuating cable. I went and got r/s cat# 42-2420, and the same result.

The sales guy there (someone I semi-trust and whose opinion I semi-respect) says that this should be able to work with the equipment I've got. I'm beginning to think that I just need more sophisticated stuff. OK, when I get my Icom IC-R7100, mebbe this won't be an issue anymore, d:-|

So should this be able to work? Can anyone give me some pointers?

--
+--+
| jcosiman@clark.net |
| +++++++++++++++++ |
| Finger for PGP public key |
+--+

691. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-17 01:44:13 UTC
From: walky@srv.net
Message-ID: <walky-1601951844130001@ras22.srv.net>
Source record: 262789
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <gradyD2EpoA.M4z@netcom.com>, grady@netcom.com (Grady Ward) wrote:

> It is also fun to program a handipacket TNC (a box the size of
> playing cards with a computer serial port and radio xmit-rcv port
> with processor) to emit say, an automatic id every 37 seconds, then
> attach it to your HT and take it in the car with you.
>
> What this does is to "key down" every 37 seconds with your id.
>
> To analog users it sounds like a bronx cheer "brrrrrrraaaap"
> every few seconds.
>
> Of course it would be illegal to program it to id with other than your own
> amateur id or to transmit on anything but authorized amateur frequencies.
>

It kerchunking is illegal on the amateur bands, licensed or no ...

Al Walkington (n4ktz)
walky@srv.net

--
Alan Walkington
walky@srv.net

692. Re: Comments on scanner antennas?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 02:05:44 UTC
From: jeevan@coho.halcyon.com
Message-ID: <3ff8lo$gro@news.halcyon.com>
Source record: 262908

Dwayne S. Byrd (dbyrd@volsport.win.net) wrote:
: unimpressed. I found it did little better than the duck. As far
: as home antennas go, I used the R/S discone and really liked it. I
: even used it for transmitting in the ham band. I am planning on
: putting another one up in the next week or two.
I have the RS discone - right now I am using 50 feet of RG-8 to connect it, with a so239 to bnc adapter on the end. The discone is on a 10 foot metal mast attached to the house. The total height is about 35 feet. Is there anything else I need to do about grounding? Any worry about lightening? I don't want to fry my BC-2500XLT. Oh, I live in a rural area.

Thanks

-Zeet

693. Re: PRO-43'S FOR SALE. NEW AND MODIFIABLE.

Newsgroup: rec.radio.scanner
Date: 1995-01-17 02:21:39 UTC
From: opp@netcom.com
Message-ID: <oppD2J2K4.590@netcom.com>
Source record: 262909

```
: I have seen modifiable 43s available from a dealer for $269.95.
: Dale Gadd (dalegadd@aol.com) wrote:
: I have several new PRO-43's for sale. In the box and all bearing
: production codes ending in a 3 (1993) and no "A" at the end of the FCC ID.
: These units were purchased from a Radio Shack that a year ago ordered
: three units and was shipped 30 instead. $325 (regular price $349). All
: are in original packing including manual and silica gel. E-mail me for
: more information.
--
opp@netcom.com
```

694. is AR8000 inferface standard?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 02:24:34 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3ff9p2$lo8@mojo.eng.umd.edu>
Source record: 262910

If I were to order an AR8000 from over-seas (say from Javiation in the U.K.) could I order the computer-interface for it from a local company? In other words, are the interfaces for the AR8000's the same regardless of where the scanner was purchased? I realize this is a rather silly question since an AR8000 is an AR8000 regardless of where it was purchased but I want to make sure I'm not missing anything. Thanks.

-Alex.

695. AR8000 "Feature or Flaw?"

Newsgroup: rec.radio.scanner
Date: 1995-01-17 02:34:14 UTC
From: RAlpert@qm.ATTAIN.com
Message-ID: <RAlpert-1601952134140001@199.3.131.108>
Source record: 262911

I hope someone can help me with this one.
I am confused about the search feature on my AR8000.
I have 4 search Banks set up [a b c d]. With Search Bank linking OFF and searching, pressing the 'a' key starts searching bank 'a', 'b' searches 'b' and so on. When I turn Search Bank linking ON and set to link [a b c d] and then go to search mode and press 'a' it goes to bank 'b', pressing 'b' goes to bank 'c' pressing 'c' goes to bank 'd' and pressing 'd' go to 'd'.

Something similar happens when I use banks [A B C D], except 'A' goes to 'A', 'B' goes to 'D', 'C' goes to 'D' and D goes to A

Is this the way the unit should work, is it known problem, or do I have a bad unit?

Thanks
Robert Alpert

696. Re: cheeks bbs

Newsgroup: rec.radio.scanner
Date: 1995-01-17 02:37:56 UTC
From: dfleming@earth.execpc.com
Message-ID: <3ffai4$ibt@homer.alpha.net>
Source record: 262912

ScottT5 (scottt5@aol.com) wrote:
: does any one have info on phone number for commtronics bbs
Here it is Scott:
619-578-9247
Nice BBS...

697. PRO-51 Perm. Hardware MOD'S?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 02:43:51 UTC
From: phayden@cris.com
Message-ID: <3ffat7$3fm@deathstar.cris.com>
Source record: 262536

I Have a Radio Shack PRO-51 Scanner And Like it VERY much
I Have done the little Trick with Holding down keys to get around 800Mhz
Block

But I would still like make perm. Hardware mod for better Flexablity

Does anyone out there have info on how to do such a thing?
Iv read a article somewhere about a brown wire? what is this?
Thanks ahead for any info!

Patrick Hayden

698. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-17 02:46:47 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3ffb2o$bm0@nntp.crl.com>
Source record: 262913

> I hope someone can help me with this one.
> I am confused about the search feature on my AR8000.
> I have 4 search Banks set up [a b c d]. With Search Bank linking OFF and
> searching, pressing the 'a' key starts searching bank 'a', 'b' searches
> 'b' and so on. When I turn Search Bank linking ON and set to link [a b c
> d] and then go to search mode and press 'a' it goes to bank 'b', pressing
> 'b' goes to bank 'c' pressing 'c' goes to bank 'd' and pressing 'd' go to
> 'd'.
>
> Something similar happens when I use banks [A B C D], except 'A' goes to
> 'A', 'B' goes to 'D', 'C' goes to 'D' and D goes to A
>
> Is this the way the unit should work, is it known problem, or do I have a
> bad unit?
>
> Thanks
> Robert Alpert

Without really seeing how you have it set up I would
say something is wrong. Mine operates the way you expect
in search it goes to whatever key you pree. Linked banks
when there limit is reached it jumps to next bank in link
order. You can change the direction by pushing arrows
or turning the knob.

More then defective I would say you have some other
parameter set incorecttly in Expert mode.

If you have a computer interface you could dump the search
bank settigs and programing for all to examine and
comment on.

Vic

699. Toronto scanning-lega

Newsgroup: rec.radio.scanner
Date: 1995-01-17 03:22:29 UTC
From: bseburn@vaxxine.com
Message-ID: <D2J5DH.JzC@vaxxine.com>
Source record: 262915

```
a > Along the same line:
a >
a > Is it "legal" to import/own/operate a scanner that can receive
a > the cellular band in Canada?

Yup.. the only thing you can't do is pass on the information you
hear. The airwaves are public... to LISTEN to, but spreading
information that should not have been heard, is against the law.. as
far as I understand it anyway. :-)

___ Mountain Reader II - #00000039
```

700. Re: Help,my pro -43 has an "a",Can it be modified

Newsgroup: rec.radio.scanner
Date: 1995-01-17 03:55:46 UTC
From: mpalinsk@industry.org
Message-ID: <16329ONOOWTNTWRUTSG@industry.org>
Source record: 262916

ok....obviously this dude knows A LOT about the internal operations of
how Radio Shack operates...

so.....then tell me what does the I stand for at the end of a FCC id on
Pro-51 scanners and such???

You've Got Question's. We've Got Answers. Yeah Right, go away!

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

701. Re: PRo-2035 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:04:06 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3fffjm$163$2@mhadg.production.compuserve.com>
Source record: 262917

I have no clue. Call Javiation at 011-44-274-732146 to get more info. He has the Service Manual for the 2035UK.

702. Re: Pro51, date code 8A4...

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:05:09 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3fffll$163$3@mhadg.production.compuserve.com>
Source record: 262918

Why don't you just find an RS that has a 7A4 Pro51 and swap for it?

703. Re: a good Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:13:26 UTC
From: mpalinsk@industry.org
Message-ID: <17382NOIQRPCMHLJTFA@industry.org>
Source record: 262919

IV>I would buy any of the 100 or more channel radio shack units
IV>and try it for three weeks or so then return it for another
IV>until I found one that meant my needs for now. Start with the cheaper
IV>ones and work up. Radio shack has a thrity day return policy which
IV>is very fair. If you like it so much you miss the 30 day return then
no. not simple. i think that sucks. cuxzbeginner.
no it
IV>Simple?

IV>ki4je

no, it's not simple.

it's all the nasty junk we have to take back from people using & abusing
the scanners for 3 weeks and then re-selling it back to the general
public again, only to hear them complain about the scanner being dirty
or the box missing instructions or something else...

basically, Radio Shack's policy on returning used junk is bunch of BS
cuz the customers should take more care of the products to get their
moeny back, or lose it in the long run.

PS> Retail sucks. period.

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

704. Re: a good Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:13:27 UTC
From: mpalinsk@industry.org
Message-ID: <17383KMRLSQJAPEGADJ@industry.org>
Source record: 262920

IG>In article <3f3m9k$jav@maya.dei.unipd.it>, phantom@dei.unipd.it (Furletti
IG>Francesco 353419/IL) wrote:

IG>> Which is a good (not expensive) scanner for a novice?
Sorry dude, Radio Shack doesn't sell ANY AOR's nor 2000's...
IG>> ....Thank you very much

IG>Radio Shack AOR 2000

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

705. Re: WANTED: 800 mhz handheld scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:14:18 UTC
From: infoline@aol.com
Message-ID: <3ffg6q$etj@newsbf02.news.aol.com>
Source record: 262921

Jon,

I have what you need...Mint Condition Pro-51 with Ni-Cad batteries and
Charger. covers 800MHZ and is modfiable through the keyboard for
cellular.

$250.00

Call 908-922-3937
INFOLINE@AOL.COM

706. Re: I purchased a pro-43 for $100.00

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:15:15 UTC
From: gdallal@world.std.com
Message-ID: <D2J7tF.2FL@world.std.com>
Source record: 262922

romulus (romulus@escape.com) wrote:
: I purchased a floor modle pro-43 for $100.00 today at radio shack. the

: dc power supply to see if it works. To our surprise, it worked! What
: was even more surprising is that when we popped the batteries inside, the
: unit actually worked with the exeption of the light.

: Was this a good purchase?

Well, I'd have bought the extended warranty. But that's me and
I'm notorious for being overinsured.

: since I am getting the above 806 -999.9875, was my unit modified?

No, because the cellular frequencies were missing.

707. BC890xlt Comments?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:15:29 UTC
From: mnappo@mhv.net
Message-ID: <3ffg91$rhb@over.mhv.net>
Source record: 262923

I'm about to retire my ol' BC 20/20 in favor of the BC890xlt. I live close to a National Weather Service transmitter and would get occasional bleed from it in the 155 mhz band on the 20/20 and hand-helds. Any comments about the selectivity and/or sensitivity of the BC890xlt? Maybe a suggestion as to what to look for on a scanner spec sheet to keep down the bleed? I use a full spectrum outdoor antenna (which of course doesn't help matters) but living in the country I don't have much of a choice.
Email answers are welcome.
Thanks to all!

..Mike

Michael A. Nappo
Computer Specialist; Volunteer Ambulance EMT-D; Newburgh, NY
mnappo@mhv.net

708. Scanner Crystals I need

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:32:17 UTC
From: robert@eden.com
Message-ID: <3ffh8h$2vt@boris.eden.com>
Source record: 262924

I've picked up a few crystal scanners over the years and am always looking for more crystals. Does anyone have 453.900, 462.975, 453.450, 465.100, 465.325?

I've been trying to locate a source for crystals but everything seems to be around $10 each (with shipping)..

My radios all fit the 10.7 IF

709. Amateur Radio Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:36:19 UTC
From: robert@eden.com
Message-ID: <3ffhg3$3bt@boris.eden.com>
Source record: 262775

A friend was asking about several radios he is considering buying and wanted to know about the mods available for;

IC901
Kenwood 941
Kenwood 733 and is $599 a good price?

he also has 2 W2A's that he'd like to sale (Icom) They come with several accessories and he is asking $975 for the pair if anyone is interested.

710. Help Req: 2SRA

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:40:49 UTC
From: coolguy@cs.jhu.edu
Message-ID: <3ffhoh$79q@blaze.cs.jhu.edu>
Source record: 262776

Has anyone been successful in building a better antenna
for the scanner of the Icom 2SRA?

Thanks, Guy

711. Spain scanners ?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 04:58:59 UTC
From: scorpion@mindvox.phantom.com
Message-ID: <6k42yc1w165w@mindvox.phantom.com>
Source record: 262777

any one has a idea about Spain scanners (prices, block-frequecies, etc)
and some address. I know in UK I can get ar8000 no-block
what about spain ?

712. PRO-46

Newsgroup: rec.radio.scanner
Date: 1995-01-17 05:27:48 UTC
From: blegg@washington.nwlink.com
Message-ID: <3ffkgk$iem@washington.nwlink.com>
Source record: 262778

Does anyone know of any modifications that can be made to the
PRO-46?

Brian L

713. Poor reception

Newsgroup: rec.radio.scanner
Date: 1995-01-17 05:42:11 UTC
From: shaner@wimsey.com
Message-ID: <shaner.34.2F1B58B3@wimsey.com>
Source record: 262779

I have a Uniden Bearcat scanner. Payed $200.00 Canadian two and a half years ago for it. I have the BC Frequencies list book and listen to the VPD (Vancouver Police Department). I mainly listen to the dispatch. Two questions: 1.) Is the dispatch the best place to evesdrop? 2.) I have the scanner on the floor (out of site) next to the stick shift. When I have the sun roof open I get better reception and hear more chatter than when it is closed. When I have it on the dash, however, I can hear a lot more - clearer! I don't want to put the scanner on the dash because it is visable to the cops while I am driving and visable to potential thieves while I am parked. Is a longer antenna (??) recommended if I want to hear more (and clearer)? Thanks, - Shane R shaner@wimsey.com

714. New Ohio Scanner Law?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 06:32:56 UTC
From: as629@cleveland.Freenet.Edu
Message-ID: <3ffoao$lu@usenet.INS.CWRU.Edu>
Source record: 262781

Hi Gang,
Someone last week told me there was an artcle in the Cleveland Ohio
Plain Dealer Newspaper that said it is now against the law to
monitor ordless phones. Does anyone know about this?
Thanks Larrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrry
--

| Work address: schilligl@iccgcc.cs.hh.ab.com|
| Home address: as629@cleveland.freenet.edu | Larrrrrrrrrrrrrrrrrrrrry
----

715. Rochester MN frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-17 09:31:16 UTC
From: foxfire@millcomm.com
Message-ID: <3fg2p4$kmc@news.millcomm.com>
Source record: 262785

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ROCHESTER AREA FREQUENCY LIST 12-26-94

POLICE:
155.580 LEC CH 1 (REPEATER) --> Input: 155.970 162.2 TSQ
155.490 LEC CH 2 (REPEATER) --> Input: 155.910 162.2 TSQ
155.805 LEC CH 3 (SIMPLEX)
156.240 LEC CH11 (SIMPLEX) ---> *NIGHTS, WEEKENDS, HOLIDAYS* <---
155.070 OLMSTED COUNTY
158.790 OLMSTED COUNTY
158.940 ROCHESTER POLICE DEPT.
159.075 ROCHESTER POLICE DEPT.
155.460 ROCHESTER POLICE DEPT.
155.090 ROCHESTER POLICE DEPT.
154.475 ROCHESTER POLICE DEPT.
155.760 E.O.C. --> Input: 158.940 162.2 TSQ (SEVERE WEATHER/EMERGENCIES)
155.370 POINT TO POINT (STATEWIDE)
155.475 STATEWIDE EMERGENCY
154.920 MINNESOTA STATE PATROL (BASE)
158.910 MINNESOTA STATE PATROL (CAR)
160.335 MINNESOTA STATE PATROL RADAR/SPEED TRAP FREQUENCY
171.575 MINNESOTA STATE PATROL AIRCRAFT/RADAR
453.250 MINNESOTA STATE PATROL RADAR/SPEED TRAP FREQUENCY
458.250 MINNESOTA STATE PATROL RADAR/SPEED TRAP FREQUENCY
452.300 MINNESOTA STATE PATROL AIRCRAFT
452.975 MINNESOTA STATE PATROL AIRCRAFT
453.375 ROCHESTER POLICE
806.6125 PUBLIC SAFETY
851.6125 PUBLIC SAFETY

FIRE:
154.370 FIRE DEPT. CH 1 (REPEATER)
154.400 FIRE DEPT. CH 2
154.190 FIRE DEPT.
154.430 EYOTA, BYRON FIRE DEPT.
153.950 FIRE DEPT.
154.280 'FIRE MUTUAL AID'
154.295 'FIRE MUTUAL AID', EYOTA, BYRON FIRE DEPT.

AMBULANCE/MEDICAL:
047.420 AMERICAN RED CROSS
462.975 EMS STATEWIDE
155.280 GOLD CROSS AMBULANCE
155.340 GOLD CROSS, MAYO CLINIC, EMS STATEWIDE
155.355 GOLD CROSS, EMS STATEWIDE
155.385 GOLD CROSS, MAYO CLINIC, MAYO ONE
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152.0075 MAYO FOUNDATION
154.515 MAYO CLINIC
154.540 MAYO CLINIC
155.160 MAYO CLINIC SECURITY
155.400 MAYO CLINIC, MAYO ONE
157.740 MAYO CLINIC
163.250 MAYO CLINIC
463.175 MAYO CLINIC
463.000 MAYO CLINIC
464.400 MAYO CLINIC
468.000 MAYO CLINIC
468.175 MAYO CLINIC
469.825 MAYO CLINIC
462.950 MAYO CLINIC, EMS STATEWIDE
463.975 OLMSTED COMMUNITY HOSPITAL
151.925 ROCHESTER METHODIST HOSPITAL
464.950 ROCHESTER METHODIST HOSPITAL
464.000 ST. MARY'S HOSPITAL
464.850 ST. MARY'S HOSPITAL SECURITY
462.825 ST. MARY'S HOSPITAL
152.480 ST. MARY'S HOSPITAL

AIRCRAFT:
108.500 ROCHESTER MUNICIPAL (ILS)
109.100 ROCHESTER MUNICIPAL (ILS)
112.000 ROCHESTER (VOR/DME)
118.300 ROCHESTER AIRPORT TOWER
119.200 ROCHESTER AIRPORT DEPARTURE
119.800 ROCHESTER AIRPORT APPROACH
120.500 ROCHESTER AIRPORT ATIS
121.900 ROCHESTER AIRPORT GROUND
122.200 FLIGHT SERVICE
122.450 FLIGHT SERVICE
122.950 ROCHESTER AIRPORT UNICOM, AERODROME INC., HIAWATHA AVIATION
123.300 HIAWATHA AVIATION
129.000 AERONAUTICAL RADIO
129.325 AERONAUTICAL RADIO
129.900 AERONAUTICAL RADIO
130.075 AERONAUTICAL RADIO
130.550 AERONAUTICAL RADIO
130.675 AERONAUTICAL RADIO
131.250 AERONAUTICAL RADIO
131.550 AERONAUTICAL RADIO
131.900 AERONAUTICAL RADIO
132.350 MINNEAPOLIS CENTER
255.400 ROCHESTER FSS
257.800 ROCHESTER MUN. TOWER
307.300 ROCHESTER AIRPORT
396.100 ROCHESTER APPR./DPRT.
463.950 ROCHESTER AIRPORT MAINT.

464.475 HIAWATHA AVIATION OF ROCHESTER

NOAA WEATHER RADIO BROADCASTS:
162.475 ROCHESTER, MINNESOTA
162.150 NOAA SEVERE WEATHER

AMATEUR RADIO REPEATERS:
146.820 W0MXW, ROCHESTER AMATEUR RADIO CLUB
146.625 WB0SBH, OLMSTED EMERGENCY SERVICES
224.820 W0MXW, ROCHESTER AMATEUR RADIO CLUB
443.850 W0MXW, ROCHESTER AMATEUR RADIO CLUB

TAXI CABS/BUSES:
152.270 ROCHESTER CAB CO. (BASE/DISPATCH)
157.530 ROCHESTER CAB CO. (MOBILE)
152.330 ROCHESTER CAB CO. (BASE)
157.590 ROCHESTER CAB CO. (MOBILE)
152.450 METRO CAB INC. (BASE)
157.710 METRO CAB INC. (MOBILE)
044.520 ROCHESTER CITY LINES CO.

SCHOOLS/COLLEGES:
155.175 DOVER/EYOTA SCHOOL DISTRICT
155.295 GRISOM SCHOOL BUS
462.800 INDEPENDENT SCHOOL DISTRICT
464.825 ISD 535 MAYO HIGH SCHOOL
461.475 ROCHESTER PUBLIC SCHOOLS
464.475 ROCHESTER PUBLIC SCHOOLS
453.900 ROCHESTER COMMUNITY COLLEGE
458.900 ROCHESTER COMMUNITY COLLEGE
154.515 ROCHESTER SCHOOL BUS SERVICE
155.265 ROCHESTER SCHOOL BUS SERVICE
155.220 STRAINS BUS CO.

RAILROADS:
160.395 DAKOTA, MINNESOTA, & EASTERN CH. 1
160.965 DAKOTA, MINNESOTA, & EASTERN CH. 2
160.890 C & NW RAILROAD

FEDERAL/GOVERNMENT:
148.125 CIVIL AIR PATROL Input: 143.750 88.5 TSQ
154.055 CITY OF ROCHESTER
154.100 CITY OF BYRON
154.115 CITY OF EYOTA
158.955 CITY ENGINEERS REPEATER
453.225 CITY OF ROCHESTER (REPEATER)
453.850 CITY OF ROCHESTER (REPEATER)
156.240 COUNTY ENGINEER REPEATER
453.375 COUNTY OF OLMSTED
163.9375 F.B.I. ROCHESTER
170.875 FEDERAL MEDICAL CENTER (PRIMARY)
170.925 FEDERAL MEDICAL CENTER (RIOTS/ESCAPES)

170.650 FEDERAL MEDICAL CENTER (EMERGENCY)
072.820 MAX. SEC. FAC. ROCHESTER
151.055 MINNESOTA DEPT. TRANS F-4
151.115 MINNESOTA DEPT. TRANS F-2
156.045 MINNESOTA DEPT. TRANS
159.075 OLMSTED CO. ENGINEER / HWY. MAINTENANCE
154.055 OLMSTED HEALTH DEPT.
159.525 ROCHESTER ARMORED CAR
505.5625 ROCHESTER SNOW REMOVAL/SANDING TRUCKS
072.400 STATE OF MINNESOTA
155.115 TOWNSHIP OF ROCHESTER

FORESTRY RADIO SERVICE:
151.190 MINNESOTA PARKS & REC
151.265 MINNESOTA DEPT. NATURAL RE.
151.415 MINNESOTA DEPT. NATURAL RE.
159.465 MINNESOTA DEPT. NATURAL RE.
159.270 MINNESOTA DEPT. NATURAL RE.
151.385 MINNESOTA DEPT. NATURAL RE.
159.300 MINNESOTA DEPT. NATURAL RE. (GAME WARDEN)

NEWS MEDIA/RADIO STATION REMOTES:
161.640 KROC REMOTE
161.670 KWEB/KRCH REMOTE
161.730 KROC REMOTE
161.760 KWWK/KOLM REMOTE
173.375 POST BULLETIN COMPANY
455.010 KTTC TELEVISION INC. (MOBILE)
450.010 KTTC TELEVISION INC. (BASE)
469.100 KTTC TELEVISION INC. (MOBILE)
464.100 KTTC TELEVISION INC. (MAIN)
463.625 KAAL TELEVISION (BASE)
464.750 KAAL TELEVISION (BASE)
468.625 KAAL TELEVISION (MOBILE)
469.750 KAAL TELEVISION (MOBILE)
177.800 KAAL TV6 WIRELESS MIC (KAHLER HOTEL)
945.000 KRCH LASER101.7 (STL)
945.375 OLMSTED COUNTY BROADCASTING
945.500 MINNESOTA PUBLIC RADIO
945.625 OLMSTED COUNTY BROADCASTING
947.000 SOUTHERN MINNESOTA BROADCASTING
947.375 FAITH SOUND, INC.
947.625 FAITH SOUND, INC.
948.000 ROCHESTER COMMUNITY BROADCASTING
948.875 ROCHESTER COMMUNICATIONS
949.125 ROCHESTER COMMUNICATIONS
950.000 UNITED AUDIO CORP.
950.375 OLMSTED COUNTY BROADCASTING
950.625 OLMSTED COUNTY BROADCASTING
951.000 MINNESOTA PUBLIC RADIO
1990.00 KTTC TELEVISION INC.

1990.00 MIDWEST KAAL CORP.

BUSINESS:
461.550 AA METCALF MOVING & STORAGE
461.350 ADAIR ELECTRIC COMPANY
151.745 ADAMSON MOTORS INC.
463.762 AIR MIDWEST INC.
463.325 ALL AMERICAN COOP
463.475 ALL AMERICAN COOP
464.900 ALL AMERICAN COOP
929.337 AMERICAN PAGING INC.
049.440 AMOCO OIL CO.
464.100 ANDREASON, NORBERT
463.512 APACHE MALL SECURITY
855.837 ARDIS COMPANY
463.800 ASSOCIATED MILK PRODUCERS INC.
464.375 ASSOCIATED MILK PRODUCERS INC.
464.875 BAIER, GERALD
461.325 BAKER OIL INC.
151.805 BALE CEMENT CONTRACTING
452.125 BEDTKE, JAMES
929.412 BEEPAGE INC.
464.175 BENIKE, GARY
461.625 BERNARDS OUTHOUSE & SEPTIC SYSTEMS
461.550 BFI WASTE SYSTEMS
461.350 BISHOP PROPERTIES
462.000 BJERKE, ROGER
153.020 BORST, LAWRENCE
464.650 BRATTEN, BOB
463.425 BROGAN, JIM
461.350 BROGAN, PAT
463.975 BUILDER'S SERVICE COMPANY
464.200 BUSTAD, JAMES
954.150 BYRON ELEVATOR COMPANY
955.750 BYRON ELEVATOR COMPANY
461.387 C M Z INC.
461.737 C M Z INC.
152.300 CAMPION, JOE
461.625 CAPTAIN CLEAN OF POCO CORP.
464.500 CAR AUTO AUCTION
157.725 CARLSON, GERALD
462.125 CENTER PLACE MANAGEMENT
462.125 CENTER PLACE SECURITY
158.700 CENTRAL COMMUNICATIONS INC.
461.550 CENTURION PROTECTIVE AGENCY
461.100 CHARTER HOUSE
463.425 CHILDCARE RESOURCE AND REFERAL
151.655 CLEMENS, DON
151.955 CLEMENS, JAMES
157.680 CLEMENTS CHEVROLET

929.587 COMTECH INC.
929.862 COMTECH INC.
464.325 CONRAD, MAYNARD
463.975 CONSTRUCTION MANAGEMENT SERVICE
461.837 CRENLO INC.
462.550 CULLIGAN SOFT WATER SERVICE
460.912 CUSTOM COMMUNICATIONS INC.
464.750 CUSTOM DOOR CO., SARGENTS LANDSCAPE
461.400 D & R KROENING FARMS
461.625 D & R STAR
1855.00 DAIRYLAND POWER COOP
1875.00 DAIRYLAND POWER COOP
1895.00 DAIRYLAND POWER COOP
154.463 DAIRYLAND POWER COOP
955.200 DAIRYLAND POWER COOP
461.525 DALE MICHEL FARMS
151.685 DAVE SYVERSON TRUCK CENTER
465.000 DAYTON HUDSON CORP.
158.325 DEWITZ CONSTRUCTION
461.350 DISONS CLEANERS
860.512 DISPATCH COMMUNICATIONS OF MINNESOTA
857.162 DISPATCH COMMUNICATIONS OF MINNESOTA
858.162 DISPATCH COMMUNICATIONS OF MINNESOTA
859.162 DISPATCH COMMUNICATIONS OF MINNESOTA
860.162 DISPATCH COMMUNICATIONS OF MINNESOTA
861.037 DISPATCH COMMUNICATIONS OF MINNESOTA
861.087 DISPATCH COMMUNICATIONS OF MINNESOTA
861.187 DISPATCH COMMUNICATIONS OF MINNESOTA
861.212 DISPATCH COMMUNICATIONS OF MINNESOTA
861.337 DISPATCH COMMUNICATIONS OF MINNESOTA
861.362 DISPATCH COMMUNICATIONS OF MINNESOTA
861.387 DISPATCH COMMUNICATIONS OF MINNESOTA
861.437 DISPATCH COMMUNICATIONS OF MINNESOTA
861.587 DISPATCH COMMUNICATIONS OF MINNESOTA
861.987 DISPATCH COMMUNICATIONS OF MINNESOTA
862.037 DISPATCH COMMUNICATIONS OF MINNESOTA
862.087 DISPATCH COMMUNICATIONS OF MINNESOTA
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862.362 DISPATCH COMMUNICATIONS OF MINNESOTA
862.387 DISPATCH COMMUNICATIONS OF MINNESOTA
862.437 DISPATCH COMMUNICATIONS OF MINNESOTA
862.587 DISPATCH COMMUNICATIONS OF MINNESOTA
862.987 DISPATCH COMMUNICATIONS OF MINNESOTA
863.087 DISPATCH COMMUNICATIONS OF MINNESOTA
863.187 DISPATCH COMMUNICATIONS OF MINNESOTA
863.212 DISPATCH COMMUNICATIONS OF MINNESOTA
863.337 DISPATCH COMMUNICATIONS OF MINNESOTA
863.362 DISPATCH COMMUNICATIONS OF MINNESOTA

863.387 DISPATCH COMMUNICATIONS OF MINNESOTA
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863.612 DISPATCH COMMUNICATIONS OF MINNESOTA
863.987 DISPATCH COMMUNICATIONS OF MINNESOTA
864.087 DISPATCH COMMUNICATIONS OF MINNESOTA
864.187 DISPATCH COMMUNICATIONS OF MINNESOTA
864.212 DISPATCH COMMUNICATIONS OF MINNESOTA
864.337 DISPATCH COMMUNICATIONS OF MINNESOTA
864.362 DISPATCH COMMUNICATIONS OF MINNESOTA
864.387 DISPATCH COMMUNICATIONS OF MINNESOTA
864.437 DISPATCH COMMUNICATIONS OF MINNESOTA
864.587 DISPATCH COMMUNICATIONS OF MINNESOTA
864.612 DISPATCH COMMUNICATIONS OF MINNESOTA
864.987 DISPATCH COMMUNICATIONS OF MINNESOTA
865.087 DISPATCH COMMUNICATIONS OF MINNESOTA
865.187 DISPATCH COMMUNICATIONS OF MINNESOTA
865.212 DISPATCH COMMUNICATIONS OF MINNESOTA
865.337 DISPATCH COMMUNICATIONS OF MINNESOTA
865.362 DISPATCH COMMUNICATIONS OF MINNESOTA
865.387 DISPATCH COMMUNICATIONS OF MINNESOTA
865.437 DISPATCH COMMUNICATIONS OF MINNESOTA
865.587 DISPATCH COMMUNICATIONS OF MINNESOTA
865.612 DISPATCH COMMUNICATIONS OF MINNESOTA
865.987 DISPATCH COMMUNICATIONS OF MINNESOTA
463.375 DON PROW CEMENT
152.420 DON W FISHER CO.
463.950 DONLEY, GLEN
464.775 DONLINGER, DALE
043.100 DOYLE CONNOR CO.
452.200 DRISCOLL, MAURICE
152.930 ELCOR CONSTRUCTION INC.
929.762 ELECTRONIC ENGINEERING INC.
463.975 ELECTRONIC ENGINEERING SERVICE
154.570 EXCELLENCE THEATRES
154.600 EXCELLENCE THEATRES
461.550 FEDERAL EXPRESS
860.862 FEDERAL EXPRESS
154.540 FERRIER FARMS
152.930 FERRIER, THOMAS
451.725 FOHRMAN, PAT
461.325 FOREST HOMES & MFG INC.
461.600 FOSTER, R.
464.575 FRANKLIN HEATING STATION
463.525 FUERSTNEAU SALES & SERVICE INC.
461.625 GAR LIN DAIRY FARMS
464.525 GASNER, BOYD & TAMMY
461.250 GATHZE, PAUL
151.595 GLASRUD OIL & LP INC.
452.200 GOLD CROWN LIMOUSINE SERVICE

464.875 GOTTSCHALK, DAVID
151.550 GREENSLADE, RONALD
152.990 GREENWAY COOPERATIVE
153.125 GREENWAY COOPERATIVE
464.425 H & H ELECTRIC CO.
151.655 HANSON TIRE SERVICE
461.625 HATHAWAY TREE SERVICE
462.025 HEINS, DAVID & JOE
150.845 HILLCREST SKELLY SERVICE
462.550 HINZ, RUSSELL
462.675 HINZ, RUSSELL
464.825 HOLIDAY INN INC.
465.000 HOLIDAY INN SOUTH INC.
460.750 HOLTEGAARD, ROGER
157.515 HOUSE CHEVROLET CO.
153.095 IBM RESEARCH & DEVELOPMENT
153.335 IBM RESEARCH & DEVELOPMENT (PAGING)
461.650 IBM RESEARCH & DEVELOPMENT
462.375 IBM RESEARCH & DEVELOPMENT
464.325 IBM RESEARCH & DEVELOPMENT
151.685 INTERSTATE GMC TRUCK
037.480 INTERSTATE POWER CO.
037.500 INTERSTATE POWER CO. (STEWARTVILLE)
154.515 JAMES BYRNE CONSTRUCTION
035.900 JENNINGS, DAN & WILBERT
151.775 JENSEN, ARNIE
461.925 JILEK, BRAD
462.025 JOHNSON, ROYAL
461.125 KAHLER CORP.
461.375 KAHLER CORP.
462.000 KRUSE CO.
461.975 MADONNA TOWERS
453.225 MAYO CIVIC AUD.
154.570 McDONALD'S DRIVE THRU FREQUENCY (ALL OTHER STORES)
154.600 McDONALD'S DRIVE THRU FREQUENCY (N. BROADWAY LOCATION)
151.805 MENARDS INC. (CHESTER, MN)
463.612 MEPC AMERICAN PROPERTIES INC.
159.795 MIDWEST SPECIALIZED
159.570 MINNESOTA AIR EXPRESS
461.350 MOBILE CRANE SVC
150.815 MOODY TOWING
151.715 NAU, JERRY
035.900 NORMAN ANTENNA INC.
151.985 NORTHWESTERN BELL TELEPHONE
158.340 NORTHWESTERN BELL TELEPHONE
464.175 ORONOCO AUTO PARTS, MARIGOLD FOODS INC.
461.412 OLMSTED COUNTY AGRICULTURAL ASSN.
461.787 OLMSTED COUNTY AGRICULTURAL ASSN.
462.787 OLMSTED COUNTY AGRICULTURAL ASSN.
463.412 OLMSTED COUNTY AGRICULTURAL ASSN.

463.787 OLMSTED COUNTY AGRICULTURAL ASSN.
464.412 OLMSTED COUNTY AGRICULTURAL ASSN.
451.425 PEOPLES COOPERATIVE POWER
047.940 PEOPLES COOPERATIVE POWER
035.920 PEPSI-COLA BOTTLING CO.
170.305 POPULAR CHURCH WIRELESS MIC FREQUENCY
158.250 PUBLIC UTILITIES
150.875 PULVER TOWING, STARR CONCRETE
154.625 RAMADA INN, ROCHESTER MUNICIPAL
461.775 RAY'S SKELLY
464.075 ROCHESTER ATHLETIC CLUB INC.
150.860 ROCHESTER CAR RENTAL
464.750 ROCHESTER CEMETERY ASSOCIATION
461.775 ROCHESTER CITY DEVELOPMENT
463.425 ROCHESTER GOLF & COUNTRY CLUB
464.675 ROCHESTER GOLF & COUNTRY CLUB
153.515 ROCHESTER PUBLIC UTILITIES
158.265 ROCHESTER PUBLIC UTILITIES
451.575 ROCHESTER PUBLIC UTILITIES
043.060 ROCHESTER READY MIX
043.080 ROCHESTER SAND & GRAVEL
463.975 ROCHESTER TOWING SERVICES INC.
151.625 SAM'S CLUB
451.900 SENECA FOODS CORP.
151.895 SEVEN UP BOTTLING CO.
463.925 SORENSON TRUCKING
035.180 STUSSY CONSTRUCTION
151.775 TCI OF SOUTHERN MINNESOTA
151.580 THEIN WELL CO.
151.865 TRADE MART FURNITURE
154.515 UNIVERSAL FORD CO., ROCHESTER VOLKSWAGON
151.985 U.S. WEST COMMUNICATIONS INC.
461.350 VIKING OLDSMOBILE
157.500 VIRGIL'S AUTO CLINIC
158.145 WATER DEPT.
461.325 WESTBROOK MECHANICAL, MEC CONSTRUCTION INC., SEVERSON CONSTRUCTION

CORDLESS PHONE FREQUENCIES:
CHANNEL / BASE / HANDSET
01 46.610 49.670
02 46.630 49.845 }CH 2 BABY MONITOR
03 46.670 49.860 }CH 3 BABY MONITOR
04 46.710 49.770
05 46.730 49.875 }CH 4 BABY MONITOR
06 46.770 49.830 }CH 1 BABY MONITOR
07 46.830 49.890 }CH 5 BABY MONITOR
08 46.870 49.930
09 46.930 49.990
10 46.970 49.970

CELLULAR MOBILE TELEPHONES:

878.400 877.770 877.140 875.760 874.020
873.870 873.780 873.240 872.520 886.290
871.890 879.030 873.150 872.610 875.010
876.510 875.040 874.500 874.410 875.130
873.150 871.260 870.720 875.490 875.280
875.880 876.120 878.010 878.400 878.640
879.330 881.850 882.540 883.380 883.800
886.200 887.160 887.550 888.420 888.720

(Paired, 45 MHz lower frequencies are mobile)

MOBILE PHONES:

35.540 NORTHWESTERN BELL TELEPHONE (43.540 MOBILES)
152.060 ANSWER IOWA, INC. (158.520 MOBILES)
152.210 ANSWER IOWA, INC. (158.670 MOBILES)
454.025 ANSWER IOWA, INC. (459.025 MOBILES)
454.250 ANSWER IOWA, INC. (459.250 MOBILES)

PAGERS:

152.240 ANSWER IOWA, INC.
158.700 ANSWER IOWA, INC.
152.840 B.L.
158.100 PINE ISLAND TELEPHONE CO.

FM BROADCAST STATIONS:

89.9 KRPR MODERN ROCK NON-COMMERCIAL
90.7 KZSE NEWS/TALK NON-COMMERCIAL
91.7 KLSE CLASSICAL NON-COMMERCIAL
92.9 KFSI GOSPEL/REL. NON-COMMERCIAL
96.5 KWWK COUNTRY COMMERCIAL
97.5 KNXR CLASSICAL COMMERCIAL
101.7 KRCH CLASSIC ROCK COMMERCIAL
102.5 KMFX COUNTRY COMMERCIAL (LAKE CITY)
105.3 KYBA LITE SOUNDS COMMERCIAL (STEWARTVILLE)
106.3 KROC ROCK/TOP 40 COMMERCIAL TRANSLATOR K292EM
106.9 KROC ROCK/TOP 40 COMMERCIAL

AM BROADCAST STATIONS:

1270 KWEB SPORTS/NEWS
1340 KROC NEWS/TALK/SPORTS
1520 KOLM OLDIES

716. Re: Scantrix

Newsgroup: rec.radio.scanner
Date: 1995-01-17 12:40:17 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.68.000CAC47@ccm.hf.intel.com>
Source record: 262803

In article <3fcc3i$5co@news.compulink.com> ruth@cml.com (ruth) writes:
>Hi:

>Does anyone have a recent Scantrix frequency listing they can download to me.

>Ruth@cml.com
>Toronto
>Ontario

I saw a recent version on Compuserve. What is it? Maybe I'll download it.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

717. Re: I'm new and need help.

Newsgroup: rec.radio.scanner
Date: 1995-01-17 12:44:25 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.69.000CBDE0@ccm.hf.intel.com>
Source record: 262804

In article <3fcuvr$qmb@newsbf02.news.aol.com> jumperguy@aol.com (JumperGuy) writes:
>Call up Ace Communications. I don't know the phone number, but just dial
>1800-555-1212 and ask for the number. They should be able to give you the
>number. They have affordable scanners and as far as I know they are pretty
>good quality. They sell Trident style scanners. Try it out, tell me how
>you do. See ya later. THIS IS MY TEMP ACCOUNT!
>Write me at VicDeVore1@aol.com
>THE CURRENT ADDRESS LISTED IS ONLY TEMPORARY FOR ME! REPLY TO ME AT:
>VicDeVore1@aol.com

ACE has a very bad reputation for less than honest business practices. I
would only use them as a last resort. Their right to sell AOR scanners was
taken away. That's why they sell AOR scanners under the Trident name.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

718. Re: Scanner bbs in CA?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 12:53:27 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.70.000CE473@ccm.hf.intel.com>
Source record: 262805

In article <3faq3h$64m@news1.best.com> jdnails@best.com (Jack) writes:

>Hi All,

> Does anyone out there know of any decent BBS's in the SF bay area
>that have scanner related info?

>I've only come across 1 and most of the freqs are way out of date :-(

>TIA for any help

>Jack D

The best BBS would be the BASE club BBS. The Bay Area Scanner Enthusiests club has a BBS they maintain, but you have to join the club to get access. For frequency info, you'll want to visit Scanners Unlimited on Laurel St. in San Carlos. They have lots of directories. There is another BBS that has an online database, but I can't remember the details. I'll see if I can find the info.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

719. Tuning off frequency

Newsgroup: rec.radio.scanner
Date: 1995-01-17 12:57:30 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5903@rook.ukc.ac.uk>
Source record: 262787

When using a scanner with 5kHz channel spacing on FM and you
want to get something spaced at 12.5kHz, is it generally better
to tune 2.5kHz above or below the actual frequency, particularly
if it is AM?
The Pro39 automatically rounds it down.
Is it at all analogous to tuning a television, when the picture is
much softer when tuned off in one direction??

--
"For the sake of customer convenience, you can now buy through
rail tickets at Gas showrooms and pay your gas bill at railway
stations. But you cannot use the same gas bill as ID when opening
a building society savings account."

720. Re: pro2006 vs. bc760xlt

Newsgroup: rec.radio.scanner
Date: 1995-01-17 13:34:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.72.000D929E@ccm.hf.intel.com>
Source record: 262806

In article <3esan1$p1a@inkblot.med.cornell.edu> bgli@mail.med.cornell.edu (Baogui Li) writes:

>Which scanner is better, the Pro-2006 or the Bearcat 760xlt? What is a good
>price for either?
>Peixin Li

The 2006 is a much better scanner.

You should be able to get a 760 (new) for about $200. The 2006 is no longer made, so I don't know what they would sell for

.
Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

721. Re: Any PRO-2027's out there?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 13:49:17 UTC
From: kaweiss@silver.ucs.indiana.edu
Message-ID: <3fghst$2n7@usenet.ucs.indiana.edu>
Source record: 262790

I just bought a Pro-2027 on clearance at RS. I'm interested, to, in
any mods or test modes. The serial number starts with "AA".
Pete.

722. Re: PRO-43'S FOR SALE. NEW AND MODIFIABLE.

Newsgroup: rec.radio.scanner
Date: 1995-01-17 13:50:30 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-1701950850300001@nano.nist.gov>
Source record: 262791

In article <3ff4d7$5b4@usenet.srv.cis.pitt.edu>, jagst18+@pitt.edu (Josh A Grossman) wrote:

> Dale Gadd (dalegadd@aol.com) wrote:
> : I have several new PRO-43's for sale. In the box and all bearing
> : production codes ending in a 3 (1993) and no "A" at the end of the FCC ID.
> : These units were purchased from a Radio Shack that a year ago ordered
> : three units and was shipped 30 instead. $325 (regular price $349). All
> : are in original packing including manual and silica gel. E-mail me for
> : more information.
>
> YOU ARE NUTS!! The Radio Shacks around here (Pittsburgh, PA) all selling
> Pro-43's for $287.97!
>
> Most (all that I have seen) are modifiable.
>
> JAG

Sounds like he bought a few of the remaining modifiables in hopes of selling them at a premium. You might want to wait a bit longer to try this scheme.

723. Re: Boy loses Girl on Scanner (Re: SCANNER PREVENTS MURDER IN TENNESSEE!)

Newsgroup: rec.radio.scanner
Date: 1995-01-17 13:52:01 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3fgi21$phf@news1.digex.net>
Source record: 262792

..the ends justifies the means, good enough for our govt, good enough for me...

724. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-17 14:14:40 UTC
From: daiv@iglou.iglou.com
Message-ID: <D2JzKH.G7w@iglou.com>
Source record: 262793

David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:

> > From: lrk@netcom.com (Lyn R. Kennedy)
> > Organization: NETCOM On-line Communication Services (408 261-4700
> > guest)

> > In article <3f5g2g$6f4@dsm6.dsmnet.com>,
> > <mikemiller@dsm1.dsmnet.com> wrote:
> >> Here's an interesting idea. The city of Des Moines, IA PD has dropped
> >>all 10-codes, signal codes and other assorted non-plain language xmits.

> >>of the old Highway Patrol TV show say?). Some patrolmen are now saying
> >>"roger" - some say "copy" - haven't heard "acknowledged" yet - and esp.
> >>no "QSL's" yet. Drunk drivers and pedestrians are just that - a violator
>sto

> The NY State Police (and a few other PDs in the region) are using
>"received" for acknowledgement. It's pronounced REE-ceived. To my knowlege,
>NYSP has never used 10 codes.

The Louisville, KY PD just uses "okay" for acknowledgement. For example,
after the dispatcher sends car 532 on a run, you'll hear "532's okay."
--

Daiv Stoner | My computer is so human, when it makes a
daiv@iglou.com | mistake it blames it on another computer.

725. PRO-50 WITH CELLULAR COVERAGE

Newsgroup: rec.radio.scanner
Date: 1995-01-17 15:25:19 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-1701951125190001@157.176.66.38>
Source record: 262794

I have a nearly brand new handheld Realistic PRO-50 Scanner with a GRE Superconverter. The PRO-50 covers the standard VHF/UHF bands including the 6m, 2m, and 70cm ham bands along with the Police, Fire, Medic and Public Safety bands. The GRE Superconverter is a small antenna connector mountable module that fits on the handheld unit. It downconverts the 800-900 Mhz band to 400-500 Mhz bands yielding full mobile/base station cellular coverage with no gaps.

I will ship the package in the original boxes with manuals for $150. If you are interested, plaease E-mail or call me at 508-880-4292.

Thanks and 73s,
Ed--AA1IN.

726. Re: Active USAF UHF Frequencys around USA-Canadian

Newsgroup: rec.radio.scanner
Date: 1995-01-17 15:25:47 UTC
From: tobyhuff@aol.com
Message-ID: <3fgnhr$hvo@newsbf02.news.aol.com>
Source record: 262795

Nicholas,
Sorry It took a while to get back to you. I infrequently check Newsgroups, and keep plenty busy just answering direct EMAIL to my AOL, LAN and DDN boxes.

Tactical Air Command (TAC) and Strategic Air Command (SAC) were combined into one command, Air Combat Command (ACC) here at Langley AFB. ACC hase much the same "flavor" as TAC had, but with expanded horizons by the addition of the Tactical bomber wings, and some misstles and tankers. (We're developing a "Composite Wing" concept, that basically includes all the aircraft required to support that particular wing's mission.) ACC also picked up our Tactical C-130 wings again (TAC used to have 'em in the 70's) from Air Mobility Command (AMC). AMC has totally replaced Military Airlift Command (MAC), and remains at Scott AFB IL. AF Logistics Command (AFLC) combined with [can't think of the acronym at the moment] to become AF Material Command (AFMC) at Wright- Patterson AFB OH. I'm not sure of what elements combined with ESC to form AF Intelligence Command, but they're still at Goodfellow AFB TX. US Strategic Command is not a derivitive of SAC, but did pick up a lot of SACs nuclear assets; they combined with the Navy's nuclear assets (particularly subs) and are under command of a U.S. Navy Admiral at Offutt AFB NE.
Hope this helps! ...Toby Huff

727. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-17 16:20:19 UTC
From: gd@RCINET.res.utc.com
Message-ID: <1995Jan17.162019.24581@cronkite.res.utc.com>
Source record: 262796

In article <3f9fum$lim@mojo.eng.umd.edu>, achern@jupiter.avl.umd.edu (Alex Chernyakov) writes:
>ki4je (vhealey@crl.com) wrote:
>: The occasional 'bounce' in the rotary switch doesn't bother me.
>: It is more convient then slewing buttons found on other radios.
>
>I've read several posts now from people who describe this "bounce"
>problem. Can somebody explain what's being complained about? I don't
>understand the descriptions.
>
>Thanks,
>
>-Alex.
>

When I am in the memory recall mode 'M.RE' the tuning knob will step me through the memories I have programmed, in order, either up or down, and works fine mostly. But, once in a while, instead of going to the next memory the radio will stay on the same memory channel or jump two or three channels when the knob is turned. Somtimes just a slight touch of the knob will do it.

A similar thing happens in the VFO tuneing mode.

By the way, all you hams out there. Let's make it a rule that we put our callsigns in the alpha display at memory location a49 (the last memory, or the last memory channel of any scanner that has alpha display) to help in the recovery of stolen scanners.

728. New to the group and looking for FAQ

Newsgroup: rec.radio.scanner
Date: 1995-01-17 16:57:46 UTC
From: bassettc@norand.com
Message-ID: <3fgsua$2eq@gamma.norand.com>
Source record: 262797

Hello All ,

Im new to this group and would like to see the FAQ (if available). Im also looking for some radio mods. Would there be any ftp sites listed in the FAQ by any chance ??

--
---
bassettc@norand.com | Sanity is the trademark of a weak mind.

Standard Boring Disclaimer : My opinions are my own , nobody else wants them.

729. Need a little help for a novice

Newsgroup: rec.radio.scanner
Date: 1995-01-17 17:08:23 UTC
From: frezzo.1@postbox.acs.ohio-state.edu
Message-ID: <frezzo.1.6.2F1BF986@postbox.acs.ohio-state.edu>
Source record: 262798

Hi Iam a Vol. Fireman who is using my fiancee's email in Ohio

I have heard great things about the sportcat by Bearcat
1st is it any good
2nd where in can I get one cheap.... catalog or store

I thank you for the help....

Erik aka The Fireman

730. Re: ANY Pro-39 mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-17 17:10:54 UTC
From: ed_velez@smtp.svl.trw.com
Message-ID: <ed_velez-1701951010540001@macj711.svl.trw.com>
Source record: 262799

In article <3feco2$5ro@newsbf02.news.aol.com>, adamatt@aol.com (AdaMatt) wrote:

>Does anybody have ANY mods for the PRO-39? Any and all would be much
>appreciated. Thanx!
>
>
>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>:::::::::AdaMatt@aol.com:::::::::
>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Heres the infamous 800 mod:

This modification is courtesy of Monitoring Times magazine and the Grove Enterprises BBS - Brasstown, NC. 704-837-9200/704-837-5957/704-837-7081 (High Speed Modem).

Realisticr PRO-39 Cellular Restoration Instructions By Larry Wiland

NOTE: It is unlawful to monitor mobile telephone conversations, including cellular. Although the procedure described below will restore the missing cellular frequencies to your radio, it is possible to hear this range without any modification whatsoever by tuning in the image frequencies 21.6 MHz higher than the deleted ranges. Cellular calls will be heard from 894.01- 915.6 MHz on your scanner without restoration.

Grove Enterprises assumes no responsibility for damages or other liability resulting from attempting to duplicate this procedure. It is possible that this modification may void your warranty.

TOOLS NEEDED: Fine-tipped soldering iron, desoldering wick, small Philips screwdriver, long-nosed pliers, rosin core solder.

(1) Remove the battery door, holder and batteries from the bottom of the radio.

(2) Remove the 4 screws from the back of the scanner and carefully lift the back off.

(3) Unplug the two wiring harnesses at their connectors and remove the six bright colored screws holding the circuit board in place. Unsolder the ground wire from the lower right corner of the circuit board. Unsolder the two wire connections from the BNC antenna connector at the board. Carefully lift the board (grasping it near the Molex connector) and set it aside.

(4) Remove the two bright colored screws from the next circuit board. Carefully uplug the two-wire connector. Unsolder and lift the rectangular metal shield exposing the diodes.

(5) Carefully unsolder and remove diode D6 only; this will restore
the missing cellular frequencies which can be searched in appropriate 30
kHz steps.

This completes the cellular restoration. Reverse all procedures to
reassemble the radio and test it by entering any frequency between
869-894 MHz. Curious about the other diodes? D4 would enable 68-88 MHz
coverage, but deletes 30-54 MHz; D5 (present) allows 800 MHz band
operation; and D7 would make cellular spacing 12.5 kHz (incorrect).

. QMPro 1.50 40-5762 . I'm crazy-I keep hearing liberals raising my taxing

---
+--+
| Ed Hopper's BBS - Home of uuPCB - Usenet for PC Board |
| Node 1 - USR HST - 404-446-9462 Node 2 - V.32bis - 404-446-9465 |
+--+

--
Cellular fraud is a one million dollar a month crisis for the cellular carriers. Our goal
is to make it $0.00 a month.....

731. Re: How to clone a cell phone so 2 have same number

Newsgroup: rec.radio.scanner
Date: 1995-01-17 17:14:09 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950117091348.28371A-100000@holmes.ece.orst.edu>
Source record: 262800

On Tue, 17 Jan 1995, Jay Potts wrote:

> Does any one know how to clone a cell phone so that I will end up
> with 2 on the same number. I seem to remember reading about it somewhere
> or seeing an add offering the service.
>
Go to alt.cellular-phone-tech

732. Icom R-1 Intermod

Newsgroup: rec.radio.scanner
Date: 1995-01-17 18:04:58 UTC
From: griffin@ridgefield.sdr.slb.com
Message-ID: <griffin-1701951304580001@sdra82.ridgefield.sdr.slb.com>
Source record: 262801

I have seen postings to this group referencing the Icom R-1
intermodulation problems. I have not seen anyone post information about
modifications which improve the radio's intermod or selectivity
performance.

If anyone has modification information or can point me to an FAQ on this
radio, would you please post it or reply to me directly?

Thanks,

Doug

Douglas Griffin | Griffin@ridgefield.sdr.slb.com
Associate Research Scientist | Phone (203) 431-5433
Schlumberger-Doll Research | Fax (203) 438-3819
Old Quarry Road |
Ridgefield, CT 06877 |
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733. Batteries and the AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-17 19:37:06 UTC
From: opp@netcom.com
Message-ID: <oppD2KEHv.1zE@netcom.com>
Source record: 262802

Cud som of you fellow ar8000 owners post the times youi're getting with your nicads and with alkalines. I think I got about 3 hours on a set iof alkalines: Not Good!
--
opp@netcom.com

734. Las Vegas FREQ's

Newsgroup: rec.radio.scanner
Date: 1995-01-17 21:35:08 UTC
From: mineer@nevada.edu
Message-ID: <3fhd6c$ssj@news.nevada.edu>
Source record: 262807

Is there anyone out there that can give me some cool FREQ's for Las Vegas?
PLEASE!!
Steve....

735. Re: OHIO: Dublin Police

Newsgroup: rec.radio.scanner
Date: 1995-01-17 21:59:48 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <3fhekk$nvh@acme.freenet.columbus.oh.us>
Source record: 262808

TomSwisher (tomswisher@aol.com) wrote:
: Dublin uses the following freqs:

: F1 - commercial TRS phone interconnect
: F2 - 855.4875 repeater Main
: F3 - 855.4875 simplex Talkaround
: F4 - 855.7125 repeater Service Dept
: F5 - 855.7125 simplex Talkaround
: F6 - 855.9625 repeater PD secondary
: F7 - 855.9625 simplex Talkaround

: Have Fun!

: **********
: Tom Swisher, N8GQK
: National Scanning Report
: "In God We Trust, All Others We Monitor"

2562 Sandbury

--
Happy Holidays......(plaintive grin...<:/{

736. Re: TR-2400 Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-17 22:09:39 UTC
From: an163839@anon.penet.fi
Message-ID: <221306Z17011995@anon.penet.fi>
Source record: 262809

i got a TR-2400 for x-mas and included in the package was a list of half
of the cellular mirror... it is a follows:
to tune hear 869-894 tune to 1444.09-1469.02.
if anyone knows the mirror for 825-849, please post it!
Black Flag

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

737. pro 39 mods

Newsgroup: rec.radio.scanner
Date: 1995-01-17 22:43:00 UTC
From: robert@eden.com
Message-ID: <3fhh5k$hc1@boris.eden.com>
Source record: 262810

Need Cellular mods for the pro 39 handheld.

738. WTB: OKI-900 cellular phone

Newsgroup: rec.radio.scanner
Date: 1995-01-17 23:59:17 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1995Jan17.195602.1@cad3.uccb.ns.ca>
Source record: 262811

Wanted to buy: OKI-900 cellular phone.
rling@cad.uccb.ns.ca

739. Re: Help Req: 2SRA

Newsgroup: rec.radio.scanner
Date: 1995-01-18 00:02:03 UTC
From: wf2o@delphi.com
Message-ID: <BE6aB3r.wf2o@delphi.com>
Source record: 262812

Guy Shechter <coolguy@cs.jhu.edu> writes:

>Has anyone been successful in building a better antenna
>for the scanner of the Icom 2SRA?

Radio Shack used to have a cigarette sized amplified antenna with rabbit ears
that plugs right into the 2sra. Amp is switchable, on/off.
your welcome, Joe

740. Re: New to the group and looking for FAQ

Newsgroup: rec.radio.scanner
Date: 1995-01-18 00:15:01 UTC
From: gdallal@world.std.com
Message-ID: <D2KrD1.97K@world.std.com>
Source record: 262813

Chuck Bassett (bassettc@norand.com) wrote:

: Hello All ,

: Im new to this group and would like to see the FAQ (if available). Im also
: looking for some radio mods. Would there be any ftp sites listed in the FAQ by
: any chance ??

mods available by anonymous ftp in pub/hamradio/mods/<manufacturer>
at oak.oakland.edu

741. Re: New Ohio Scanner Law?

Newsgroup: rec.radio.scanner
Date: 1995-01-18 00:21:28 UTC
From: daryll1@aol.com
Message-ID: <3fhmu8$m94@newsbf02.news.aol.com>
Source record: 262814

Larry.... This is not a new law from Ohio. It was a recent decision (7-0 too) by the Ohio Supreme Court that stated that monitoring cordless telephone conversations were illegal under the Ohio State Constitution's wiretapping section. Previously, cordless phone monitoring was free game in Ohio, and lesser state courts upheld that notion. There is even an exception to the state wiretapping law that permits Ohio law enforcement oficers and any others authorized by law enforcement officers to record telephone conversations without the second partys knowledge. It appears that is now history, but it leaves several questions that need to be answered by additional parallel court cases. There is no new STATE law regarding cordless telephones. .....Daryll

742. PRO-2024 Woes.

Newsgroup: rec.radio.scanner
Date: 1995-01-18 00:22:31 UTC
From: tdgast@access.digex.net
Message-ID: <tdgast.6.00006023@access.digex.net>
Source record: 262679

Is there mods for the pro-2024 that can make it worth the dust it collects on my desk?

Ty Gast
(tdgast@access.digex.net)

743. TR4500 Thinking of buying one, comments please,

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:18:11 UTC
From: kim@apple.com
Message-ID: <kim-1701951718460001@goofy-2.apple.com>
Source record: 262815

I'm thinking about buying a Trident TR4500 programmable scanner. Does anyone have and comments, pro or con, on this scanner. Thanks in advance.

744. Antennas. Need advice on broad band purchase.

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:33:06 UTC
From: kim@apple.com
Message-ID: <kim-1701951733300001@goofy-2.apple.com>
Source record: 262816

I know it's probally been discussed a million times but I am looking for a GOOD broadband antenna for my desktop scanner and don't want to make the wrong decision in my first purchase. Any comments would be appreciated.

Also, any comments about antenna preamps? Are they worth the money, work worth a darn. etc.??

745. Re: Batteries and the AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:42:57 UTC
From: wa1omm@aol.com
Message-ID: <3fhrn1$nd7@newsbf02.news.aol.com>
Source record: 262817

Pretty strange .. you must have had bad alkalines. On a set of Radio Shack hi-cap NiCds I get about 7-8 hours. Regular NiCds should give you 5 hours. Alkalines should give you 16-18 hrs.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

746. Re: is AR8000 inferface standard?

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:45:11 UTC
From: wa1omm@aol.com
Message-ID: <3fhrr7$ne6@newsbf02.news.aol.com>
Source record: 262818

If you order the AOR CU-8232, you will get the CU-8232. Doesn't matter who you order it from.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

747. Re: heard on the air

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:46:34 UTC
From: kerhop@eskimo.com
Message-ID: <D2KvLM.M0K@eskimo.com>
Source record: 262819

Laren Ambrose (lambrose@csc.com) wrote:
: In the aviation newsgroups I usually read, there are often interesting
: and funny conversations heard on the air between Air Traffic and pilots.
: Thought I would try something similar here. Thanks to all who have
: helped me find freqs in the Seattle area to try my new scanner on.

I heard a good one in Puyallup recently...not exact wording but
you get the idea...

Patrolman#1: Everything is Hunky-Dory
Patrolman#2: Hunky-Dory?!?!
Patrolman#1: Its the new police code.

:)

748. Re: Batteries and the AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:48:55 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD2KvpJ.G6n@netcom.com>
Source record: 262820

opp@netcom.com wrote:
: Cud som of you fellow ar8000 owners post the times youi're getting with
: your nicads and with alkalines. I think I got about 3 hours on a set iof
: alkalines: Not Good!
: --
: opp@netcom.com
Nicads : 3 to 4 hrs

Alkalines: 10 to 12 hrs

I am also currently trying the HIGH CAPICITY Nicads from Radio Shack rated at 850 milliamperes and I am getting at least 5 maybe 6 as I speak now and still scanning now.Sorry I lost track of time. I been trying them since last night and can say for sure 5 hrs.At 850.. I figure maybe I can get at least 7 hrs??? The batteries are 6 dollars for two . I also heard there may be 1000 milliamperes nicads available but havent found any.MY Nicad battery for my ICOM W2A is a 1000 milliampere.If I were to take the battery apart , then I would find AA size nicads right? I usually get about 7 to 8 hrs of monitoring time there.With 1200 mah batter ,I have gotten over 12 hrs of monitoring time.

The larger capacity the Nicad ... the more operating time you will get. i will keep you posted how much time I acatully get from the High Capacity nicads.

749. Parts for a PRO-34

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:52:44 UTC
From: fs817@cleveland.Freenet.Edu
Message-ID: <3fhs9c$j05@usenet.INS.CWRU.Edu>
Source record: 262821

I am desparately seeking an LCD displ;ay and the frame
that holds the display on the PC board for my PRO-34
handheld scanner.
The National Parts Department of Radio Shack says
that the parts I'm looking for are for the PRO-34 scanner
but, they they don't exist for the scanner.
Talk about double-standard. We admit that they are parts
for our scanner but we don't think they exist.

If anyone can help me locate the parts I need, please
e-mail me at either the above e-mail
or at uroh@sunyit.edu

Thanks a bunch,
--Rich

750. Re: AR8000 antenna.

Newsgroup: rec.radio.scanner
Date: 1995-01-18 01:53:08 UTC
From: wa1omm@aol.com
Message-ID: <3fhsa4$nhu@newsbf02.news.aol.com>
Source record: 262822

Almost anything will perform better than the AOR antenna that came with
the AR8000. Personally, I use a Radio Shack PRO-43 antenna.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: UO-22 KO-23 KO-25
Packet: WA1OMM@KB4N.NH

751. Re: Pro-2004 oddity

Newsgroup: rec.radio.scanner
Date: 1995-01-18 03:28:15 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.43.00111567@dpm3.seanet.com>
Source record: 262823
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <439@kesteven.win-uk.net> julian@kesteven.win-uk.net (Julian Grammer) writes:
>From: julian@kesteven.win-uk.net (Julian Grammer)

>Any more 2004 fans out there?

YO! I have mine ... it is kind of behind the R-7000, but cellcapable and
ready to work.

==
Dan Morisseau, N7ZXL Auburn, WA 47.17'16"N 122.11'40"W Elev. 300'
GEnie:D.Morisseau Internet:dpm3@dpm3.seanet.com (pref) OR dpm3@prostar.com
"He has read everything and, to his credit, written nothing." - A J Raffles
==

752. Re: AR8000 antenna.

Newsgroup: rec.radio.scanner
Date: 1995-01-18 04:22:58 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.46.00432BD0@dpm3.seanet.com>
Source record: 262824

In article <3fhsa4$nhu@newsbf02.news.aol.com> wa1omm@aol.com (WA1OMM) writes:

>Almost anything will perform better than the AOR antenna that came with
>the AR8000. Personally, I use a Radio Shack PRO-43 antenna.

I do not have an AR-8000 (yet!), but have found a nice antenna that has outperformed ANY that comes stock with any of the ahndheld scanners I have purchased. It is an ICOM dual band (2meter/70cm) FA-1443B. I normally keep it on my ALinco DJ580 dual band amateur set, but when I use it any of my scanners, it always provides better results and over a wide rnge of freqs, including 800 mHz. I'd apprecaite anyone else's comments who have tried this one.

==
Dan Morisseau, N7ZXL Auburn, WA 47.17'16"N 122.11'40"W Elev. 300'
GEnie:D.Morisseau Internet:dpm3@dpm3.seanet.com (pref) OR dpm3@prostar.com
"He has read everything and, to his credit, written nothing." - A J Raffles
==

753. Re: Electronics question..

Newsgroup: rec.radio.scanner
Date: 1995-01-18 04:40:22 UTC
From: mulligan@ACM.ORG
Message-ID: <3fi63n$fo0@hopper.acm.org>
Source record: 262675

> I have some crystals ...

4.9152 MHz = 75 x 2E16 (i.e. 2 to the 16th power)
11.0592 MHz = 75 x 2E14 x 9

Look like reference xtals for UART baud rate generators. At a guess, someone
has been disassembling computer serial cards.
/* barry /&

754. Secret Service Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-18 04:43:17 UTC
From: robert@eden.com
Message-ID: <3fi695$l4g@boris.eden.com>
Source record: 262676

Former President George and Barbara Bush were in town to celebrate their son's inaguration for Governor of Texas today. Secret Service was active on Baker (165.7875 - simplex) for all announcements of arrivals and departures of motorcade activities. The agents were carrying some handheld radios. I believed these to be on Baker. They are very thin but seemed to have something plugged into the top with a curly cord on it and going to another part of the radio. The Radios look like the motorola sabre radios. But my question is that with all the activity.. there were agents running all over talking into their wrist microphones. These transmissons were NOT on Baker on any of the other common frequencies. In fact I tried some of the ones that used to be active such as Oscar 164.8875, Tango 164.650, etc... I searched and searched all the 162-174, and from about 148-151.625, and briefly from 406-420 mhz, and
heard no other frequencies being used. I assure you they were using others and I assure you that they were United States Secret Service Agents. After talking with a friend tonight about what I didn't find he suggested that they might now be using some frequency hopping radios. They are mentioned in the Kneitel 8th edition book to be around 406-410 mhz.

Can anyone possibly confirm this? Does anyone have any ideas. I know that these are Secret Service agents and I also did not find the scanners stopping on any frequency for D.V.P. noises or anything.

755. Re: State Police freq needed for Mass

Newsgroup: rec.radio.scanner
Date: 1995-01-18 05:13:42 UTC
From: FG <72662.1642@CompuServe.COM>
Message-ID: <3fi826kje1@mhade.production.compuserve.com>
Source record: 262677

42.44 Channel 1 Statewide Emergency/Tactical Operations
42.34 Channel 2 Troop "A" operations / car-to-car Western Ma
42.38 R)))
42.4 Channel 3 Troop "C" operations
42.42 C-C
42.50 Channel 4 Troop "D" operations / car-to-car Western Ma
42.54 Channel 5 Station "h" sometimes Troop "A"
42.46 Channel 6 Troop "B" operations / Car-to-Car Eastern Ma
42.42 Channel 7 Team "55" / radar operations *must have*
44.74 Channel 8 Air Wing
44.90 TAC
47.14 DOH
47.26 |
47.28 |
47.36 DOH

154.92 Cruiser repeater (325 cruisers have these) Great to
see if cruiser is close. Range approx. .5-1 mile

465.0125R Repeats Channel 4. Only in Quincy, Hingham, area

159.03 Troop "E" Operations (All turnpike patrols)
156.03 Input to turnpike repeater

156.240 TP

756. RS Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-18 06:29:42 UTC
From: mow@hpsyvae1.syntex.com
Message-ID: <3ficgm$4j4@yoda.Syntex.Com>
Source record: 262678

I have a Bearcat 2500XLT and I want to improve my reception for all bands.
If I put a RS Discone in my condo attic will I see marked results? I'm
not too concerned with cordless reception. Thanks in advance.

```
--

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
mow@hpsyvae1.syntex.com +========+
| |
| |
+---+ +---+
| | | |
bass-o-matic +---+ +---+
vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
```

757. Re: Pro39/freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-18 08:31:05 UTC
From: marc_k@escape.com
Message-ID: <3fijk9$eg0@beyond.escape.com>
Source record: 262680

Duncan (dpfg@ukc.ac.uk) wrote:
: I recently purchased a Pro39 from Tandy, and was surprised how
: small it was. I did not believe that the tiny stump of an aerial
: could do anything, so I got the 9-section telescopic aerial to
: slip on the top, and later the "Scanners 3" book. The book said
: that we often use 12.5kHz channel spacing in Britain with a fair
: amount of AM outside airband, and I was wondering if this was
: causing me problems using FM only with 5kHz spacing.

: My observations so far are as follows:

: 1) The 68-88 band is barren, I have heard a couple of weak voices
: but other than that it just stops a few times and hisses, with
: no voice audible. On 68 and 71 roughly there were images of FM
: broadcast stations.

>make sure that your mode is set correctly

: 2) 109-137 received plenty of aircraft. Surprisingly I received
: police on 133 MHz, and on 133.7 police and planes sometimes
: transmitted simultaneously and interfered.

>I doubt the police were on 133.7...this sounds like you were the victim
of IF imaging...the pro-39 is only double conversion, and is rather
prone to this.

: 3) 137-174 had loads of PMR, and police around 155 as expected.
: But the 133 police were stronger.

: 4) 380-512 was pretty bare, apart from very strong police on 474,
: and some weaker police on 450ish. I thought that police should
: be around 450, not 474. I also got some sound from ITV stations.

>again these may be images

: 5) 800-900 was bare apart from a few television sounds. 900
: upwards gave abundant mobile phones, and indeed seem to be its
: speciality. The 934 MHz CB band seems not to be used though.

: 6) The instructions suggested that it retains memories for 1 hour
: without power, but I have left it overnight and longer several times
: after using it with an AC adaptor with no batteries, and nothing
: was erased.

: Any comments or explanations for these phenomena? The Scanners
: book lists fire and ambulance frequencies, but I cannot get the
: exact number due to channel spacing, and they might be AM anyway.

: If anyone has a UK Scanning Directory and would be willing to
: look up a few organisations, could they please E-mail me?

758. Pro-46 DateCode "5A4" Modifiable???

Newsgroup: rec.radio.scanner
Date: 1995-01-18 08:43:21 UTC
From: abe@crl.com
Message-ID: <3fikb9$aag@crl8.crl.com>
Source record: 262681

Hi,

I just bought one of the "un-advertised" special price of $189 for a pro-46. Is this one of the easily modifiable portables? Or (as I fear) is this one of the models that got pulled by Tandy and is much more dificult to modify?

If not:

Would it be possible (in theory) to modify for

A) Cellular
B) 800 Mhz gaps?
C) Millitary

And if so, for theory purposes only, how?

Thanks,

- Abe

759. Re: ICOM R1 - Yup MVT 7100

Newsgroup: rec.radio.scanner
Date: 1995-01-18 09:43:18 UTC
From: garyh@sco.COM
Message-ID: <1995Jan18.094318.24639@sco.com>
Source record: 262682

In article <15890DXRDAJOIGQOCSI@inferno.com> vector@inferno.com writes:
!
!save yourself some heartache and skip the R1. it overloads easy and
!will just cause you grief. the shortwave reception is poor at best on
!the unit as well. if you can, try to spend a bit more for a
!yupiteru-7100. much better handheld (larger too, but there's a lot in
!that extra space the R1 doesn't have). otherwise, settle for something
!like a pro-43 from chicken shack.
!
!vector

Just curious, does the Yupiteru mvt-7100 have a search and store mode
where it will search a frequency and put in memory frequencies that
break squelch? I'm just starting to use my yup again and thought it would
be nice to have esp. since I heard that other scanners cn do this.

Thanks,
Gary

760. Theft Id. was Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-18 09:45:06 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3finv2$6iv@nntp.crl.com>
Source record: 262683

> By the way, all you hams out there. Let's make it a rule that we put our
> callsigns in the alpha display at memory location a49 (the last memory, or the
> last memory channel of any scanner that has alpha display) to help
> in the recovery of stolen scanners.

Good idea. How about j49 ?
Ki4je

761. Illegal to monitor cordless (was Re: New Ohio Scanner Law?)

Newsgroup: rec.radio.scanner
Date: 1995-01-18 13:29:40 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-1801950929400001@198.69.103.26>
Source record: 262684

In article <3ffoao$lu@usenet.INS.CWRU.Edu>, as629@cleveland.Freenet.Edu
(Larry Schillig, Jr.) wrote:

> Hi Gang,
> Someone last week told me there was an artcle in the Cleveland Ohio
> Plain Dealer Newspaper that said it is now against the law to
> monitor ordless phones. Does anyone know about this?
> Thanks Larrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrry

The way I understand it, it is against Federal law to monitor cordless
phones. I think the law was botched, however, in that the law states "it
is illegal to monitor the cordless phone transmission from the base unit
to the handset." It says nothing, however, of monitoring the transmission
from the base unit to your own antenna, though. :)

-Dave

--
Have you ever gotten sick and tired of hearing AT&T take credit for things they didn't
invent? You will.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

762. Re: RS Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-18 14:04:04 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3fj74k$2pk@globalnews.globalvision.net>
Source record: 262685

```
mow@hpsyvae1.syntex.com (Marshall Warner) wrote:
>
> I have a Bearcat 2500XLT and I want to improve my reception for all bands.
> If I put a RS Discone in my condo attic will I see marked results? I'm
> not too concerned with cordless reception. Thanks in advance.
>
> --
>
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> mow@hpsyvae1.syntex.com +========+
> | |
> | |
> +---+ +---+
> | | | |
> bass-o-matic +---+ +---+
> vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
```

Yes, as I have previously noted in this group, I use one RS cheap
discone inside, while using the more expensive (and larger) one
outside. There is a BIG difference, at least at my location. Try to
get it as high as possible. You will see improvement in all bands,
AND cordless. Good Luck.

Scott

763. Re: WANTED: PRO-46 Manual

Newsgroup: rec.radio.scanner
Date: 1995-01-18 14:24:15 UTC
From: GPTC26A@prodigy.com
Message-ID: <3fj8af$4ec8@usenetp1.news.prodigy.com>
Source record: 262686

Try your local Radio Shack. They can usually call National Parts Distribution and get you a manual for around $4 bucks prepaid and about a one week wait.

Lockhart

764. Re: heard on the air

Newsgroup: rec.radio.scanner
Date: 1995-01-18 15:39:19 UTC
From: ad225@detroit.freenet.org
Message-ID: <3fjcn7$fcs@detroit.freenet.org>
Source record: 262687

I posted this once before, but now that this thread has
taken hold, I thought I'd contribute it again.

In Southfield Michigan. Dispatcher to patrol car:

"The dog is making verbal threats to the passersby."

Gary Baumgarten
Michigan Public Safety Network
Michigan's most pro-active public safety
notification paging network!
--
Gary Baumgarten
ad225@detroit.freenet.org

765. Re: TRUNKING TIPS ?????

Newsgroup: rec.radio.scanner
Date: 1995-01-18 17:51:41 UTC
From: <>
Message-ID: <3fjkfd$a2n@wizard.uark.edu>
Source record: 262632

parnass@nwsf.ih.att.com (Bob Parnass, AJ9S) writes:

>I found that it helps a little to scan the frequencies in descending
>order when monitoring the 5 channel Motorola trunked system
>used by Naperville (IL), the city in which I work.

>I leave the delay and data skip (aka sound squelch) off, of course.

Seconded. If you're blessed with a small Batwing system - ie 5 pairs -
you can even take it a step further by only programming in the 4 voice
channels. First one in is the one "below" the handshake channel.

ie: if data is on 859.2375, then:

1 - 858.2375
2 - 857.2375
3 - 856.2375
4 - 860.2375

I discovered, as Bob has, that the default pattern in which a Batwing
system assigns channels seems to be from the data channel down.

There's also usually on pair that never gets the data channel (the 856
channel in Fayetteville, Ark's case). This also seems to be the one where
phonepatches show up ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

766. Re: Illegal to monitor cordless (was Re: New Ohio Scanner Law?)

Newsgroup: rec.radio.scanner
Date: 1995-01-18 18:10:59 UTC
From: tls@gate.net
Message-ID: <3fjljj$1j0q@tequesta.gate.net>
Source record: 262688

Dave Hamilton (jazzbo@eliza.netaxis.com) wrote:
: The way I understand it, it is against Federal law to monitor cordless
: phones. I think the law was botched, however, in that the law states "it
: is illegal to monitor the cordless phone transmission from the base unit
: to the handset." It says nothing, however, of monitoring the transmission
: from the base unit to your own antenna, though. :)

The revised law prohibits monitoring transmissions BETWEEN the base unit
AND the handset, not FROM...TO.

Use of the construction "between .. and" means a transmission in either
direction.

Here is an excerpt of the relevant section of the law:

Public Law 103-414 signed Oct 25, 1994 (was H.R. 4922)

SEC. 202. CORDLESS TELEPHONES.
(a) Definitions. - Section 2510 of title 18, United States
Code, is amended -
(1) in paragraph (1), by striking `, but such term does not
include` and all that follows through `base unit`; and
(2) in paragraph (12), by striking subparagraph (A) and
redesignating subparagraphs (B), (C), and (D) as subparagraphs
(A), (B), and (C), respectively.
(b) Penalty. - Section 2511 of title 18, United States Code, is
amended -
(1) in subsection (4)(b)(i) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`; and
(2) in subsection (4)(b)(ii) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`.

--
Terry Steinford
tls@gate.net

767. Re: Does anyone have any favorite

Newsgroup: rec.radio.scanner
Date: 1995-01-18 19:26:51 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3fjq1r$qsd@news1.digex.net>
Source record: 262689

>
> I'm sure many would appreciate the posting of .WAV files collected by
> the scannists on this group.
>
> Tnx...Dave
>
>
>
> --
> **********
> dhubba@access.digex.net
> J. D. Hubbard
> **********

Good idea but they'd be long (over 160K for some). If it catches on
I may upload some.

Andy

768. RE:Wanted Victoria B.C. Freq's

Newsgroup: rec.radio.scanner
Date: 1995-01-18 21:15:56 UTC
From: Unknown
Message-ID: <1995Jan18.211556.28871@sol.UVic.CA>
Source record: 262690

Does anybody know Victoria area frequencies? Please leave them
here or put them on my E-Mail. Also Does anybody know what the cordless
phone frequencies are?

769. Re: ANY Pro-39 mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-18 21:38:33 UTC
From: adamatt@aol.com
Message-ID: <3fk1op$3fu@newsbf02.news.aol.com>
Source record: 262691

Thanks for the mod. I appreciate it!

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

:::::::::AdaMatt@aol.com:::::::::

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

770. FT727 MODS? AR2001 MODS?

Newsgroup: rec.radio.scanner
Date: 1995-01-18 22:12:32 UTC
From: MICHEL LETORT <73064.2342@CompuServe.COM>
Message-ID: <3fk3og$4bm$1@mhade.production.compuserve.com>
Source record: 262692

HELLO,
I'm looking for mods for FT727R to broaden the reception
coverage, and also to broaden the RX coverage of AR2001
Does somebody knows where to find it.

Thanks

Michel
73064,2342@compuserve.com

771. Re: I'm not sure..

Newsgroup: rec.radio.scanner
Date: 1995-01-18 22:47:01 UTC
From: hiyall@vnet.net
Message-ID: <3fk5p5$c2o@ralph.vnet.net>
Source record: 262693

Hank Eisenstein (hank167@dorsai.org) wrote:
: How should I reply to messages using tin? reply, or followup?

I get this confused all the time just hit h and read the help like I do

in any case if you hit f you will post a message to the thread you are
reading like I am doing right now

if you hit r you will send an EMAIL message and it will not be posted....

772. Do You Own a PRO-34???

Newsgroup: rec.radio.scanner
Date: 1995-01-18 23:11:23 UTC
From: browere@einstein
Message-ID: <3fk76r$a9b@nic-nac.CSU.net>
Source record: 262694

If you are the (proud) owner of a Pro-34, would you please assist me with
the following details:

The frequency ranges it covers
The scanning speed (channels per second)
The (approx.) price you paid for it
The amount of channels

and optionally,
If you know of any mods...

Thank you for your help, and email is appreciated to save bandwidth!
Eric
(Browere@einstein.cnrs.humboldt.edu)

773. pro-39 or pro-25

Newsgroup: rec.radio.scanner
Date: 1995-01-18 23:25:03 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3fk80g$eqr@mailer.fsu.edu>
Source record: 262695

I am new to scanning and this news group. I am looking for a protable scanner in the 200-250 range. I found the pro-39 for $219 and the NEW pro-25 for $249. I have heard a lot about the pro-39 but little about the pro-25. So any info about which one or others to buy is greatly needed. I have checked the serial numbers on both and they do not have an 'A' at the end so I assume they are both have mods which will work.

Thanks

James Naus

774. Re: AR8000 leather case?

Newsgroup: rec.radio.scanner
Date: 1995-01-19 02:49:54 UTC
From: victors@world.std.com
Message-ID: <D2Mt77.Bxu@world.std.com>
Source record: 262696

Dan Fleming (dfleming@earth.execpc.com) wrote:
[snip]
: : Vic
: : -leather, it's for real people :)

: Vic,
: I guess I'm just not as "into" leather as you. I'm a vinyl kind of guy I
: guess.....:)
: (however, I wouldn't own a vinyl jacket)...and my wife wears this
: kinky......er, ah, ummm...sorry, this is getting off topic.

Dan,
Thanks for clearing that up I was beginning to envision you wearing
a smart vinyl jacket.

Vic 2;-)

775. Re: AR8000 Unexpected behavior

Newsgroup: rec.radio.scanner
Date: 1995-01-19 03:03:54 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fkkqq$995@nntp.crl.com>
Source record: 262697

> In article <RAlpert-1601952134140001@199.3.131.108>, RAlpert@qm.ATTAIN.com (Robert Alpert) writes:
> >I hope someone can help me with this one.
> >I am confused about the search feature on my AR8000.
>
> Where it starts is not important as long as it searches through all the banks
> you specified when the band link feature is on. When you select 'a' maybe it
> starts with 'b' (or wherever it last was searching) but then it should go
> through 'c' 'd' and whatever other banks you selected and then back to 'a'
> unless you are searching in reverse order.

I have been thinking about the orginal query. As stated in the gentlemans above reply don't forget that this radio can go in two directions. That may supprise you when you expect it to go A B C D and its B A D C ... etc

Also I have noticed that due to human error a bank was not programed the way I thought it was. Sometimes it is the right letter but the wrong case. The orginal location may be empty of search dat and the radio is smart enought to skip that. That is why one bank may never show up in expected search pattern.

The other problem is the "Damn Password'. I have found the resulting operation, permision to do this, do that, so agravating with the password I got rid of it. The radio is too complex in trying to push the right buttons to have it sneer at you because you didn't enter a password after turing it on. Several times I expected I had found a bug and it was that password check and denial that was messing things up for me.

Ki4je

776. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-19 04:45:54 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950118204340.1242A-100000@holmes.ece.orst.edu>
Source record: 262698

On 19 Jan 1995, Brian Barrett wrote:

> Any one know how traffic copters transmit to radio stations. I would
> like to see if one can monitor these conversations while they are "off
> the air"(so to speak). Are these transmissions monitorable and if so,
> what freq should I try?

Yes its possible to monitor them. Try around 450MHz. I heard the ECPA
banned monitoring them but.....WHO CARES??

> Also, I have noticed that many fast food places have drive thru order
> takers that wear cordless headsets. Don't know how interesting it would
> be to listen to but does anyone know the freq of these as well?

OH NO!!!!!
Not this thread again!!!

777. RS 2035 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-19 04:53:44 UTC
From: rsharp@paul.spu.edu
Message-ID: <3fkr8o$i6v@adam.spu.edu>
Source record: 262699

Received a RS Pro-2035 for Christmas, still in the box, only has about four hours on it.

Tried returning it to RS, but with no receipt, only store credit. Anybody want to save tax, and let me throw in some "stuff" to make picking my 4 hour unit up worth it?!

Obviously I can get it's value in store credit, but if you buy it from me for a close to price, I'll throw in software or other stuff for the hassle... and you'll save tax...

Other ideas?

778. Re: Florida Scanner Laws ???

Newsgroup: rec.radio.scanner
Date: 1995-01-19 07:45:26 UTC
From: bsherman@sefl.satelnet.org
Message-ID: <3fl5am$g3a@sefl.satelnet.org>
Source record: 262700

Note in the published regulation it says any freq assigned to police or law enforcement officers.. This does not cover fire depts, and does not seem to apply to any of the newer trunking systems, since they are not designated as police or law enforcement, but rather as public safety since they cover all government aspects including garbage collection, street cleaners, parks dept etc.. Does this mean that if your scanner is tuned to trunking systems, the scanner can be installed in your car??

--
bsherman@satelnet.org

779. Sony Air Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-19 18:28:32 UTC
From: smehsen@be0581.pms.ford.com
Message-ID: <3fmb0g$t6i@eccdb1.pms.ford.com>
Source record: 262584

Does anyone know the mod procedure for the Sony Air to receive 30MHz - 76Mhz.
Currently the scanner has the following frequencies available.
Air 108-136Mhz
FM 76-108Mhz
PB 136-174MHz
AM 100-2100KHz

I'm considering selling the set if I can't access other ranges.
Email me at above address.

780. Comet "Miracle Baby" antenna....

Newsgroup: rec.radio.scanner
Date: 1995-01-19 19:20:14 UTC
From: dilbert@ripco.com
Message-ID: <D2o31s.J91@rci.ripco.com>
Source record: 262707

I was wondering if anyone has had any experience with this antenna, and what your thoughts on it were. Thanks a bunch....

781. What are the new Big Bend NP freqs?

Newsgroup: rec.radio.scanner
Date: 1995-01-19 19:38:32 UTC
From: horak@convex.com
Message-ID: <3fmf3o$76d@eugene.convex.com>
Source record: 262593

Just curious if anyone has figured out the new Big Bend National Park freqs yet. They've been in operation for about two years. I'm planning a trip there soon and would appreciate any info. They don't use 166.375 any more (although it may be used as a backup) and I would imagine the new freqs are somewhere between 406 and 420 MHz.

Thanks,

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

782. Re: Toronto scanning-lega

Newsgroup: rec.radio.scanner
Date: 1995-01-19 19:48:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <245_9501200302@tor250.org>
Source record: 262563

AL>From: Albert Pang <albertp@bnr.ca>
AL>Newsgroups: rec.radio.scanner
AL>Subject: Re: Toronto scanning-legal question
AL>Date: 16 Jan 1995 18:13:09 GMT
AL>Organization: Bell Northern Research
AL>Lines: 19
AL>Message-Id: <3fecvl$oft@bcarh8ab.bnr.ca>
AL>References: <gonfishn-1501950157450001@gonfishn.interlog.com>
AL><D2GuI7.61s@freenet.carleton.ca>
AL>Nntp-Posting-Host: nneps000.bnr.ca

AL>ad607@FreeNet.Carleton.CA (Darrell A. Larose) wrote:
AL>> In a previous posting, dg (gonfishn@interlog.com) writes:
AL>> > Does anyone know if it's legal to use a scanner in an automobile in
AL>> > Toronto (-or- elsewhere in Ontario) ?
AL>> >
AL>> YES! Only Manitoba has a law against mobile use of scanners. Although it
AL>> may be unenforcible as the Radio Act (Federal) may over rule it. All
radio
AL>> laws are Federal Domain.

AL>Along the same line:

AL>Is it "legal" to import/own/operate a scanner that can receive
AL>the cellular band in Canada?

Definately! No freqs that we are banned from listening to.

Dan

---
* SLMR 2.1 * better to die on your feet than to live on your knees
--
| Fidonet: Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.

783. Pro-2004 oddity

Newsgroup: rec.radio.scanner
Date: 1995-01-19 19:48:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <246_9501200302@tor250.org>
Source record: 262564

```
JF>From: jfair@vt.edu (John Fair)
JF>Newsgroups: rec.radio.scanner,alt.radio.scanner
JF>Subject: Pro-2004 oddity
JF>Date: 16 Jan 1995 18:12:58 GMT
JF>Organization: Virginia Tech, Blacksburg, Virginia
JF>Lines: 1
JF>Message-Id: <3fecva$ca2@solaris.cc.vt.edu>
JF>Reply-To: jfair@vt.edu
JF>Nntp-Posting-Host: rgilchri.async.vt.edu
JF>X-Newsreader: WinVN 0.92.1
JF>Xref: gvc.com rec.radio.scanner:954 alt.radio.scanner:397

JF>I have a Pro-2004, which is supposed to have 300 channels. Somehow mine
has
JF>400, and receives cellular with ease. I think that this may be a prototype
JF>the Pro-2006, except for the cellular capability. Anyone who has any
ideas,
JF>reply.

You have bought a previosly enjoyed unit which has been modded to
conform to what it is capable of.
Dan

---
* SLMR 2.1 * To quote a famous Ham " I'll drink to that, Billy bigrig"
--
| Fidonet: Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.
```

784. Freq. for Oregon (Salem/Polk Co.)

Newsgroup: rec.radio.scanner
Date: 1995-01-19 20:28:05 UTC
From: wilkinsj@odin.wosc.osshe.edu
Message-ID: <3fmi0l$238@odin.wosc.osshe.edu>
Source record: 262718

I bought my husband a scanner for Christmas, and though we have a few
frequencies, we would be interested in other frequencies (especially
fire services from Polk County, although Salem frequencies are fine too).

Anybody have any?

Thanks,

Jessica Wilkinson
Programmer/Analyst
Western Oregon State College
jwilkin@max.wosc.osshe.edu

785. Re: pro2006 vs. bc760xlt

Newsgroup: rec.radio.scanner
Date: 1995-01-19 20:56:05 UTC
From: The_Beat@bitstream.mpls.mn.us
Message-ID: <3190730683.5316277@bitstream.mpls.mn.us>
Source record: 262619

>Which scanner is better, the Pro-2006 or the Bearcat 760xlt? What is a good price for either?

>The 2006 is a much better scanner.

I have a 760 and am happy with it. Can you explain the differences/advantages of the 2006?

Thanks in advance.

786. Want to buy Pro-43

Newsgroup: rec.radio.scanner
Date: 1995-01-19 21:30:43 UTC
From: drno@intac.com
Message-ID: <3fmlm3$4s6@uucp.intac.com>
Source record: 262710

I am interested in purchasing a modifiable Pro-43. Is it at all possible
to find one of these units at a Radio Shack store now? Thanks for the info.

787. Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-19 22:36:36 UTC
From: opp@netcom.com
Message-ID: <oppD2oC51.1un@netcom.com>
Source record: 262701

Can anyone post info on the motorola sabre radios. are these tranceivers (dual band) are they walkie talkies, scanners, what? Thanks.
--
opp@netcom.com

788. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-19 22:40:16 UTC
From: opp@netcom.com
Message-ID: <oppD2oCB6.2FI@netcom.com>
Source record: 262702

```
: Sounds like scam city here also. Haven't heard anything with regards
: to this. Too suspicious.

: Andy

--
opp@netcom.com
```

789. RS Pro 39 [No Gaps]

Newsgroup: rec.radio.scanner
Date: 1995-01-19 22:51:01 UTC
From: opp@netcom.com
Message-ID: <oppD2oCt1.4J8@netcom.com>
Source record: 262703

I have an RS Pro 39 handheld with 200 channels, hyperscan and full 800. This is the brother-sister to the Pro 43, missing only one minor frequency (that I believe can also be restored.) Unit is mint condition and comes with fresh nicads, ac adaptor, manual, etc. $310 includes ups ground. e-mail me. thanks.
--
opp@netcom.com

790. Uniden/Bcat BC-155 mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-19 23:34:36 UTC
From: whurlman@news.epix.net
Message-ID: <3fmsuc$8p1@grape.epix.net>
Source record: 262704

Hello all, found a working BC-155 (16 channel) scanner at a garage sale. 10 bucks can you believe it? Anyway, can't find any mods at the regular ftp sites. Does anybody have one filed away for it in their own archives?
BTW, just got a new PRO2006 from Grove Ent., ahhhhhhh what a scanner. Just wish you could stop it on limit or direct search without having to transfer the freq into a monitor memory. Keep on snooping!!!

)))) WALLY ((((

791. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-20 00:06:12 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fmupk$dv9@nntp.crl.com>
Source record: 262705

> Can anyone post info on the motorola sabre radios. are these tranceivers
> (dual band) are they walkie talkies, scanners, what? Thanks.
> --
> opp@netcom.com
Monitoring Times had an article on them in August 1994.

Slick radio! If you steal one watch out for the feature where they
can remotely turn it on without your knowledge and listen to
everything around it as they figure out where it is.

Reminds me of a welfare youth who stole a ham ht in Balt.
I heard Wa3TUN talking to 'Trashcan', the youth's radio handle
on the local 2M repeater. Wa3TUN was A Balt city cop!
Wa3tun Made friends and he met up with the little slimeball and
recovered the radio. If you are going to play with an item
you better know what you have or you go to jail.

Vic Ki4je (formely WB3GWT)

792. Re: Freq. for Oregon (Salem/Polk Co.)

Newsgroup: rec.radio.scanner
Date: 1995-01-20 00:38:21 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fn0lt$f38@nntp.crl.com>
Source record: 262706

> I bought my husband a scanner for Christmas, and though we have a few
> frequencies, we would be interested in other frequencies (especially
> fire services from Polk County, although Salem frequencies are fine too).
>
151.17500000 KOA711 PO OREGON, STATE OF
457.75000000 WNIK755 LJ TRANSPORT RADIO COOP
452.75000000 WNIK755 LJ TRANSPORT RADIO COOP
152.27000000 WPBC468 LX DALLAS CAB COMPANY
152.27000000 WPBC468 LX DALLAS CAB COMPANY
155.34000000 KDT907 PS VALLEY COMMUNITY HOSPITAL
155.34000000 KDT907 PS VALLEY COMMUNITY HOSPITAL
155.40000000 KDT907 PS VALLEY COMMUNITY HOSPITAL
158.83500000 WNYH449 PL FALLS CITY, CITY OF
158.98500000 KXA469 PH YAMHILL, COUNTY OF
075.46000000 KXA469 PH YAMHILL, COUNTY OF
158.88000000 KJ7109 PL POLK, COUNTY OF
046.10000000 KGP693 PF YAMHILL, COUNTY OF
046.42000000 KGP693 PF YAMHILL, COUNTY OF
155.67000000 KJF703 PP MONMOUTH, CITY OF
155.67000000 KJF703 PP MONMOUTH, CITY OF
153.98000000 KGR262 PL POLK, COUNTY OF
153.98000000 KGR262 PL POLK, COUNTY OF
158.88000000 KHP82 PL POLK, COUNTY OF
153.90500000 WXT634 PL OREGON, STATE OF
159.93000000 KVF744 LV WILLAMETTE VALLEY TRANSFER CO
159.93000000 KVF744 LV WILLAMETTE VALLEY TRANSFER CO
045.32000000 KLU309 PP YAMHILL, COUNTY OF
045.46000000 KLU309 PP YAMHILL, COUNTY OF
155.17500000 WXF734 PS CENTRAL SCHOOL DISTRICT 13J
155.91000000 WPCB718 PP OREGON, STATE OF
155.91000000 WPCB718 PP OREGON, STATE OF
154.28000000 KNAT381 PF DALLAS, CITY OF
154.44500000 KNAT381 PF DALLAS, CITY OF
153.83000000 KNAT381 PF DALLAS, CITY OF
154.23500000 KNAT381 PF DALLAS, CITY OF
154.23500000 KNAT381 PF DALLAS, CITY OF
154.28000000 KNAT381 PF DALLAS, CITY OF
154.44500000 KNAT381 PF DALLAS, CITY OF
453.98750000 WPCH739 PL INDEPENDENCE, CITY OF
154.66500000 WNXD389 PP OREGON, STATE OF
158.73000000 WPDJ992 PP OREGON, STATE OF
158.73000000 WPDJ992 PP OREGON, STATE OF
155.40000000 WZU431 PS POLK, COUNTY OF
155.34000000 WZU431 PS POLK, COUNTY OF

155.10000000 KBK973 PL DALLAS, CITY OF
155.10000000 KBK973 PL DALLAS, CITY OF
155.10000000 KBK973 PL DALLAS, CITY OF

793. Re: Seattle, Wa - Area Freq's

Newsgroup: rec.radio.scanner
Date: 1995-01-20 00:41:08 UTC
From: lambrose@csc.com
Message-ID: <3fn0r4$26e@explorer.csc.com>
Source record: 262585

Beldar (beldar@eskimo.com) wrote:
: In article <3ev3rl$4lb@newsbf02.news.aol.com>,
: YUKON JON <yukonjon@aol.com> wrote:
: > Here are some of the local Freq's for the Seattle, WA area I'm not to
<snip>

: > AIRPORTS
: >
: >141 120.600 Boeing Field Tower
: *142 188.300 Boeing West Tower <---What is this?
I think 118.3 is alternate tower freq.
: >143
: >144 126.600 Seattle Air Control Center
: >145 119.200 Sea/Tac Approach Ch 1
departure
: >146 119.500 Sea/Tac Approach Ch 2
: *147 119.700 Sea/Tac Approach Ch 3 <---don't think this is right
: *148 119.900 Sea/Tac Approach Ch 4 <---This should be Sea/Tac Tower
YEP tower
: *149 120.300
: *150 120.400
: *151 123.900 North approach
: *152 125.400
: *153 126.100
: *154 128.300
: *156 128.500
: *157 134.650
: *158 135.450
: *159 133.650 North approach
: *160 135.525
: *161 121.700 Ground
: *162 128.000 Departure reports heard here when plane in on ground
: *163 134.950

BTW, someone from Port Townsend asked me for ATC frequencies up there.
My local provider stopped doing bussiness so I lost his name and internet
address.

Laren Ambrose Computer Sciences Corp.
Contract to the: FAA, Airports Division, Seattle
(or) lambrose@hq.faa.gov
(or) *new* lambrose@halcyon.com

794. Re: PRO-46 New Mod - Simpler Mod for 'Unmodifiables'

Newsgroup: rec.radio.scanner
Date: 1995-01-20 00:47:52 UTC
From: jmb1@freenet1.scri.fsu.edu
Message-ID: <3fn17p$hkj@freenet3.scri.fsu.edu>
Source record: 262586

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: I can't wait to see if the same brown wire can be snipped in the latest
: Pro51s!

I am currently holding my new (1 week) RadioShack Pro-51 scanner (disassembled). There was a metal shield I had to remove after the first major board, but other than that the look fits your description exactly. Time to heat up the ol' soldering iron! I'll keep you guys posted on how this works..

Jamey

795. EUREKA!! New PRO-51 successfully modified to receive cell!

Newsgroup: rec.radio.scanner
Date: 1995-01-20 01:21:01 UTC
From: jmb1@freenet1.scri.fsu.edu
Message-ID: <3fn35u$ltd@freenet3.scri.fsu.edu>
Source record: 262708

I would just like to take this time to thank Mickey Henniger for
the posting of his Pro-46 mod (the "Brown Wire Method"). I never
thought I'd see the day when I would look down at my 1 week old Pro-51
and see 888.960MHz displayed. This mod worked on the following Radio
Shack Pro-51 scanner:

model #: 20-308
FCC ID: AAO20-308
Serial #: 45000189
7a4

Hahahaha... and an "Orange sticker on the bottom of the box", so
the clerk knows it's legal to sell..

Thanx,
Jamey

796. How often do freqs change?

Newsgroup: rec.radio.scanner
Date: 1995-01-20 03:53:16 UTC
From: knight@crash.cts.com
Message-ID: <D2oqst.5E0@crash.cts.com>
Source record: 262719

How often do police and other agencies change their frequencies?
Do they at all? I was just wondering how accurate older books are. It
seems like it would be hard for them to change there frequencies, but I
just wanted to ask you all...

Thanks,

Jonathan Bulliung
Knight@ctsnet.cts.com

797. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-20 04:49:03 UTC
From: opp@netcom.com
Message-ID: <oppD2otDr.GLt@netcom.com>
Source record: 262721

: Slick radio! If you steal one watch out for the feature where they
: can remotely turn it on without your knowledge and listen to
: everything around it as they figure out where it is.

: Reminds me of a welfare youth who stole a ham ht in Balt.
: I heard Wa3TUN talking to 'Trashcan', the youth's radio handle
: on the local 2M repeater. Wa3TUN was A Balt city cop!
: Wa3tun Made friends and he met up with the little slimeball and
: recovered the radio. If you are going to play with an item
: you better know what you have or you go to jail.

: Vic Ki4je (formely WB3GWT)

--
opp@netcom.com

798. 2006/Pro 39/2026 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-20 04:57:36 UTC
From: opp@netcom.com
Message-ID: <oppD2ots3.HxA@netcom.com>
Source record: 262722

They are all in mint condition and have full 800. The 39 is a virtual
replica of the 43. Check a '94 radio shack catalogue for the comparison.
E-mail me for prices. Best!
--
opp@netcom.com

799. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-20 05:01:51 UTC
From: rotnapple@aol.com
Message-ID: <3fng3v$l7h@newsbf02.news.aol.com>
Source record: 262720

They are walkie-talkies, very expensive, very good.

Greg
RotnApple

800. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-20 06:13:50 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD2oxB2.1tM@netcom.com>
Source record: 262711

opp@netcom.com wrote:
: : Sounds like scam city here also. Haven't heard anything with regards
: : to this. Too suspicious.

: : Andy

: --
: opp@netcom.com
Have asked a couple of times for them to send me more info when they
first advertised the mod. Till date not a word from them ? Whats
happenening?Didnt think think it would be possible for a PRO43 to do as
they claim?

801. Cleveland, Oh. scanner listings

Newsgroup: rec.radio.scanner
Date: 1995-01-20 06:32:56 UTC
From: johnnyt@wariat.org
Message-ID: <3fnehm$35j@wariat.wariat.org>
Source record: 262709

Anyone know where I can get a list of the scanner frequencies here in Cleveland. Thanks

802. Uniden BC2500XLT info

Newsgroup: rec.radio.scanner
Date: 1995-01-20 06:38:13 UTC
From: mpalinsk@industry.org
Message-ID: <23125BNQXFDUOUVRAAA@industry.org>
Source record: 262581

IW>Incredible Universe readily sells these units for $298 each. Wayne

IW>--- FMail 0.98
IW> # Origin: ab5sm1netcom.com (73:6101/0)
how is that Incredible Universe??? there is none in the state of
michigan......yet that is! :)a StarGate 6.0 C8C3CBCECCD6C8CE
IW> * Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

803. Re: Icom 2SRA INFO WTD

Newsgroup: rec.radio.scanner
Date: 1995-01-20 06:38:13 UTC
From: mpalinsk@industry.org
Message-ID: <23132BNQXFDUOUVRAAA@industry.org>
Source record: 262582

alright, someone explain what a PL is...

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

804. Newbie Help...

Newsgroup: rec.radio.scanner
Date: 1995-01-20 06:44:20 UTC
From: kerwinm@aol.com
Message-ID: <3fnm44$mn6@newsbf02.news.aol.com>
Source record: 262712

Does anyone outthere have a manual for a BC200XLT? I'd be willing to pay for a copy. I just bought a used one and it didn't come with a manual.

Also, the MFG Date is coded on the back...OEIO...can anyone decipher this? How old is this unit?

The unit seems to step by 12.5 in the 800Mhz range...can this be changed?

I'd appreciate the help...replies to my e-mail or this newsgroup...thx...Kerwin

KerwinM in Seattle

805. AR8000 ERROR

Newsgroup: rec.radio.scanner
Date: 1995-01-20 07:42:30 UTC
From: bbjamin@aol.com
Message-ID: <3fnph6$nab@newsbf02.news.aol.com>
Source record: 262724

Has any AR-8000 users experienced a high rate of "PLL-ERROR"'s even after changing the time constant to 40ms, I still experience a high rate of PLL-ERROR . I think it might have something to do with the cool air, any Ideas?!?!?

Also... when receiving an 800Mhz freq. the incoming voice sound broken (even know it is a strong signal), however, once I manually open the squelch, the voice sounds great! what's the deal!? It almost sound like the squelch can not decide to open or not!

Thanks

806. Re: Scanner bbs in CA? *thanks*

Newsgroup: rec.radio.scanner
Date: 1995-01-20 07:52:01 UTC
From: jdnails@best.com
Message-ID: <3fnq9c$bet@news1.best.com>
Source record: 262579

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
>In article <3faq3h$64m@news1.best.com> jdnails@best.com (Jack) writes:
>
>>Hi All,
>
>> Does anyone out there know of any decent BBS's in the SF bay area
>>that have scanner related info?
>
>>I've only come across 1 and most of the freqs are way out of date :-(
>>TIA for any help
>>Jack D
>
>Ok, I found my old BBS listing when I lived in San Jose. I don't know if they
>are still up, so you might want to try calling with a voice line first to
>prevent your modem from screeching in someone's ear. Most of these had
>Scanner or Ham radio stuff- Micro Medic offeres Usenet access for a reasonable
>monthly fee. I know one had a Door to a freq database that was quite good.
>
>DC to Light 408-956-0317
>Baynar 408-926-8547
>The Higher Powered BBS 408-737-9447 or 408-737-7040
>Micro-Medic 408-280-1610
>COPS BBS 408-996-7790
>PDS-SIG BBS 408-270-4085
>Driven Element 408-267-2335
>
>
>Enjoy!
>
>
>Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
>Intel Corp.
>American Fork, UT DoD#1461

Thanks for digging 'em up I'll give them a shot
73's
Jack D'

---
jdnails@best.com__
\ / \ / \
| (*) (*)
Freedom\\Not Free any more, | /
you need to buy it now. | <
| _____/

ftp://ftp.best.com/pub/jdnails /

807. Re: AR8000 antenna.

Newsgroup: rec.radio.scanner
Date: 1995-01-20 07:58:59 UTC
From: dfleming@earth.execpc.com
Message-ID: <3fnqg3$8ce@homer.alpha.net>
Source record: 262576

Victor Healey Ki4je (vhealey@crl.com) wrote:
: > In <dpm3.46.00432BD0@dpm3.seanet.com> dpm3@dpm3.seanet.com (Dan Morisseau) writes:
: >
: > >In article <3fhsa4$nhu@newsbf02.news.aol.com> wa1omm@aol.com (WA1OMM) writes:
: >

: > I am sure that your antenna beats the rubber duck but I don't know if it
: > is the best solution. I have an AEA Hotrod 2M antenna that works much
: > better than any duck I own but it seems to be tuned rather well for 2M
: > and not too good for other freqs. It sucks for low band and is OK for UHF.
: > If you want a good all-band, get a long telescoping antenna or the Radio
: > Shack center loaded telescoping whip ($9.95).

: Has anyone thought to be cautious with the latter antennas mentioned above.
: These can put tremendous stress on the BNC as the HT is waved about. Eventually
: the BNC will lossen or break, especially in the area where the center conductor
: is soldered to it. The result will be a big loss of signal and require
: repairs to remedy.

: I am not knocking the above, I use them myself on occasion, even this evening
: when I was trying to pull in tv audio while driving home and a better
: antenna was needed.

: 73's
: Vic Healey ki4je
I have read also that this is a weak area on the radio but I haven't noticed
the weakness here myself. I am sure that you could strain the plastic enough
to break the bnc off at the plastic so I am very careful in this area.
Grove has what they claim to be is one of the best rubber antennaes.
I'm not sure of a part number but I'll look for info this weekend.
Vic, I think we spend too much time at our computers. I use your great
WWW page and I see you on IRC and here and there. Question? Does your
wife (if you are married) get angry because you spend hours upon end sitting
at your computer? Mine doesn't.....;) NOT
You are becoming one of the most informed people on the net in regards to
the GREAT AR-8000. I have many questions and every time I turn the thing on
I wonder if I have things set up optimally. Things that you can only set
in the expert mode and the optimal battery save settings are just a
couple that come to mind. PLL lock times, etc, etc.
How about your Audio Squelch? I can't really tell if mine is working
correctly as the scanner still stops on signals with no voice
modulation. I know that it can't diffrentiate between some carriers but
I really can't tell if it's working at all. I do know that initially
there was an audio squelch problem but mine (according to Javiation) is
on of the newer ones that has the factory modification. (serial # is higher)

Thanks
dfleming

808. Re: 2006/Pro 39/2026 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-20 08:03:42 UTC
From: dfleming@earth.execpc.com
Message-ID: <3fnqou$8ce@homer.alpha.net>
Source record: 262580

opp@netcom.com wrote:
: They are all in mint condition and have full 800. The 39 is a virtual
: replica of the 43. Check a '94 radio shack catalogue for the comparison.
: E-mail me for prices. Best!
: --
: opp@netcom.com
Sounds like you are trying to scrape up money for your AR8000 the same
way I did.....:)

809. Re: Pro51, date code 8A4...

Newsgroup: rec.radio.scanner
Date: 1995-01-20 08:36:26 UTC
From: KAMAKIZE@news.delphi.com
Message-ID: <3fnsma$2d6@news2.delphi.com>
Source record: 262715

has anyone tired it with the sportcat 150 from bearcat?

will thsi work on bearcats?

please let me know
thanks
xs
xs
xs

810. Outside aerials for 39

Newsgroup: rec.radio.scanner
Date: 1995-01-20 09:58:53 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5962@rook.ukc.ac.uk>
Source record: 262713

2 questions:

1) I have seen it suggested that wiring an outdoor aerial up to a handheld scanner eg. Pro39 will overload it. Is this true?

2) Does connection to a Yagi TV aerial produce acceptable results?

S1 out

--
"If management services were to grow to the point where they became the tail that wags the dog, I would have to seriously rethink my position."

Byker Grove Gazette, July 1969

811. Re: AR8000 ERROR

Newsgroup: rec.radio.scanner
Date: 1995-01-20 10:00:30 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fo1ju$178@nntp.crl.com>
Source record: 262714

> Has any AR-8000 users experienced a high rate of "PLL-ERROR"'s even after
> changing the time constant to 40ms, I still experience a high rate of
> PLL-ERROR . I think it might have something to do with the cool air, any
> Ideas?!?!?
>
How cool, some of us may have to leave it the refrigerator or
the freezer to check this out?

I haven't seen one PLL ERROR yet but it has been a warm winter here in Ga.

Vic

812. I don't know was Re: AR8000 antenna.

Newsgroup: rec.radio.scanner
Date: 1995-01-20 10:16:01 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fo2h1$178@nntp.crl.com>
Source record: 262716

> I have read also that this is a weak area on the radio but I haven't noticed
> the weakness here myself. I am sure that you could strain the plastic enough
> to break the bnc off at the plastic so I am very careful in this area.
> Grove has what they claim to be is one of the best rubber antennaes.
> I'm not sure of a part number but I'll look for info this weekend.

> Vic, I think we spend too much time at our computers. I use your great
> WWW page and I see you on IRC and here and there. Question? Does your
> wife (if you are married) get angry because you spend hours upon end sitting
> at your computer? Mine doesn't.....;) NOT

I use the computer at night when she is asleep. The vic on irc must be another
vic because i don't know how to make irc work using tia-slip. During the
day I occasionaly look to see if there is new email or while doing something else
the email gong goes of and I see the new messages.

> You are becoming one of the most informed people on the net in regards to
> the GREAT AR-8000. I have many questions

To be quite honest I do not know the answers to your questions that you asked.
I will see that they are posted to the info page as soon as I spot
the answers myself or someone writes with the info.

The audio squelch has in particular puzzeled me. Also I had the radio
sending data automatically to the computer when ever the squelch
opened while scanning or searching using the LC and MG commands.
It dosn't do that any more. I believe that I have changed some
setting that has messed up that feature but for the life
of me I can't figure out which one it was. Anyone?

>

813. Re: Scanner bbs in CA? *thanks*

Newsgroup: rec.radio.scanner
Date: 1995-01-20 10:20:05 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fo2ol$178@nntp.crl.com>
Source record: 262717

```
T_____________________________________________
> jdnails@best.com__
> \ / \ / \
> | (*) (*)
> Freedom\\Not Free any more, | /
> you need to buy it now. | <
> | \_____/
> ftp://ftp.best.com/pub/jdnails /
>

Could you send me the full IP and port address of
ftp.best.com and the IP for
best.com

Thanks
73
Vic
```

814. Automotive holder for handhelds?

Newsgroup: rec.radio.scanner
Date: 1995-01-20 12:09:25 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fo95l$4ic@nntp.crl.com>
Source record: 262723

Please look at page 62 of Newsweek Jan 23,1995 southeast
edition. There is an ad that features a cell phone
holder that may be ideal for the ar8000.
Basically it plugs into the lighter socket and the
scanner/ht/phone clamps into holder. I like the idea of the view
angle which is essential to the ar8000.
Cost by mail order is $40.

Has anyone seen these at a local retail outlet?
Has anyone tried one with a scanner?
If the antenna gets in the way you could use a mini
mag mount and plug your rubber duckie into it and the
line into the scanner.

This item might even be neat with one of those large
emergency battery packs many hams have. I have one with
an amplifier and a place for a ht to clamp on the
side but it would be nice to have the scanner clamped to it also.

One would really look weird carrying that around! <grin>

Vic Healey ki4je
mailto:vhealey@crl.com
ftp://FTP.CRL.COM/users/ro/vhealey/www/ar8000.homepage.html

815. Re: I LOVE MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-20 12:40:55 UTC
From: <>
Message-ID: <3fob0n$g0g@mother.usf.edu>
Source record: 262575

In article <3epidk$i5j@newsbf02.news.aol.com> dctrhappy@aol.com (DctrHappy) writes:
>:What I do sometimes is tune into the scanner freqs. that the news
>:people use and listen into the on-the-scene-reporters talking w/
>:their base station---one can learn the-rest-of-the-story tidbits
>:that way...things that they may not broadcast but know about.
>
>Does anyone have any actual first or second-hand accounts of this? Seems
>that this strikes high on my interesting meter.

I used to listen to these broadcasts in the 450-460 range. To find these frequencies put your scanner in SEARCH mode about an hour before local stations go on the air with their news programs. They are usually setting up for the local shots about this time. Also, if there is a special event that you have prior knowledge of and know a local station will be broadcasting live from it, you can search at that time.

If you monitor these frequencies you have the added fun of watching how director commands influence the on-air personality during the actual broadcasts. For example, you can watch how a reporter suddenly gets kurt during an interview when the director commands him/her to "wrap it up". The commands are transmitted on these freqs and are funnled to the on-air personality through the little white earphones you always see curling into their ears.

One thing to note, CELLULAR PHONES are quickly replacing these utility channels used for this purpose. At about the same times I mention above it is advisable to search the cellular bands (or their images for later scanner models) to hear this traffic.

Hope this helps!

Dave
--
==========
David E. Pinero - Criminology Major - University of South Florida
"See Dumb and Dumber Today! (YES This is the .sig responsible for it all!"
==========

816. Re: I'm not sure..

Newsgroup: rec.radio.scanner
Date: 1995-01-20 12:44:25 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.87.000CBDE7@ccm.hf.intel.com>
Source record: 262637

In article <D2M0B3.Lup@dorsai.org> hank167@dorsai.org (Hank Eisenstein) writes:

>How should I reply to messages using tin? reply, or followup?

I have never used tin, but with every other reader I have used, 'reply' is to
send a message (e-mail) to the person who posted the message, and 'followup'
will post the reply to the newsgroup.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

817. Wanted: ICOM R-1

Newsgroup: rec.radio.scanner
Date: 1995-01-20 13:40:38 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-2001950940380001@157.176.66.38>
Source record: 262602

I am looking for a good clean ICOM R-1 with continuous coverage--no gaps.
Please respond via E-Mail with your asking price.

818. Re: 2006/Pro 39/2026 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-20 14:44:57 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2pKyy.Fr2@nntpa.cb.att.com>
Source record: 262601
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <oppD2ots3.HxA@netcom.com>, <opp@netcom.com> wrote:

>.... The 39 is a virtual replica of the 43.
> Check a '94 radio shack catalogue for the comparison. ...

They may "look" alike, but the PRO-39 and PRO-43 are very
different radios inside. The PRO-43 employs up-conversion
and has a high level of image rejection.

--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

819. Re: AR8000 antenna.

Newsgroup: rec.radio.scanner
Date: 1995-01-20 14:55:53 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3foitp$alf@sparc.occ.uky.edu>
Source record: 262545

WA1OMM (wa1omm@aol.com) wrote:
: Almost anything will perform better than the AOR antenna that came with
: the AR8000. Personally, I use a Radio Shack PRO-43 antenna.

I use the antenna from my Bearcat 200XLT or a Radio Shack "High Gain
Portable" 17-307, or an extendible whip. Like you said - ANYTHING is
better than the AR8000's original!
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

820. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-20 15:13:03 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <790614783.153snx@n2ayj.overleaf.com>
Source record: 262535

In article <93.2316.7592.0NFB8D2B@woodybbs.com> joe.taylor@woodybbs.com writes:
> In Kentucky and some other states (maybe NJ & OK ??) State Law forbids
>scanners in vehicles.

Again, The People's Republic of New Jersey :-) recently modified it's law. You can have the scanner in the car without a permit, but you can not use the *information heard on the scanner* to commit a crime or elude capture. If you have a scanner in the act of doing nasty things, it is an additional charge. Cite: NJSA 2C:33-21 "Interception of Emergency Communications to Facilitate Crime" and NJSA 2C:33-22 "Unauthorized Interception of Emergency Commnications During Crime".

The only equipment-specific statute left is 2C:33-23 which exempts "radar devices used to monitor vehicular speed".

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com
"Well, I think so, Brain, but where are we going to find rubber underwear in our size?" - Pinky

821. Re: Scanner Crystals I need

Newsgroup: rec.radio.scanner
Date: 1995-01-20 15:18:53 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <790615133.154snx@n2ayj.overleaf.com>
Source record: 262537

In article <3ffh8h$2vt@boris.eden.com> robert@eden.com writes:
>
>I've picked up a few crystal scanners over the years and am always
>looking for more crystals. Does anyone have 453.900, 462.975, 453.450,
>465.100, 465.325?
>
>I've been trying to locate a source for crystals but everything seems to be
>around $10 each (with shipping)..
>
>My radios all fit the 10.7 IF
>
>
That's about the going rate, more if you have to have it cut special.
FWIW, I have an ancient Craig 8 channel xtal scanner and got the freq
I needed from Crystek. They have (had?) an excellent database on older
scanners - I gave them make, model, and serial number and *they told me*
the particulars of series/parallel resonance, fundamental, IF, etc.

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com
"This whole dot-dash concept sounds interesting, Mr. Vail. Why don't you let
me look over your notes on the train to the Patent Office?" - S.F.B. Morse?

822. HOW DO I program 890XLT?

Newsgroup: rec.radio.scanner
Date: 1995-01-20 15:19:13 UTC
From: dbnawell@freenet3.scri.fsu.edu
Message-ID: <3fok9h$q9m@freenet3.scri.fsu.edu>
Source record: 262591

I have a friend that is blind and just bought a Bearcat 890XLT
scanner. Can someone give me a few commands for programing
this thing. I own several scanners so I am familiar with them,
but I do not know the 890 at all. I need some steps for
putting it in search for sure as that is what he really needs
until I can go to his house and look at it.

Thank U in advance,
Dan N4YSV

823. Re: Comet

Newsgroup: rec.radio.scanner
Date: 1995-01-20 15:46:32 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3folso$d2l@news1.digex.net>
Source record: 262614

>
>
> I was wondering if anyone has had any experience with this antenna, and what
> your thoughts on it were. Thanks a bunch....
>

It's OK for close in 2M repeater or simplex operation, forget it
as a scanner antenna since it really is meant for close in work, BUT,
if you're in a RF dense area it could help solve some image problems.
It's tuned for 144-148 Mhz , is nothing more than a short coil
and capacitor at a resonant tap point off the coil, so it's
performance will drop off sharply either side of the intended
band.

Andy N3LCW

824. Re: RS Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-20 15:52:55 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.790617175.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 262608

lbutler@umcc.umich.edu Compuserve 72673,321> wrote:

>The answer is Yes, you will see a marked improvement. One of my antenna's
>in my attic is a R.S. Discone using a C.B> whip mounted to the center
>stud of the $59.95 Discone. The center whip improves the antennaa low
>band reception 25-100mhz. Actually it gives the antenna 25-100, it's
>pretty poor without it. I also use Belden 9913 coax which helps. As long
>as your attic is mainly wood it will be ok, it it has a lot of metal in
>the roof your improvement may not be so great My attic is pretty full
>with the aforementioned discone, the cheap R.S. discone, a T.V. antenna
>mounted sideways (For vertical polarization) and a 80 ft wire dipole for
>shortwave. Looks like I'll have to put the next one outside.<G>

A few newbie questions:

1. I have a two storey structure with a cedar shake roof.
Would there be much difference between mounting a RS discone
inside the attic versus outside on the peak of the roof.
(Vancouver's rainy winter + shake roof = long slide of doom) :-(

2. Any recommendations for a CB whip to mount on the center
stud of the RS discone to make coverage more complete?

3. I also have an old TV antenna kicking around. Assuming I can
squeeze it through the itty-bitty hole into my attic, and get it mounted
sideways, is there any other alignment I must do? ie. Is this thing
directional in the horizontal plane?

4. How do I tie all this hardware together? Do I just daisy-chain
the coax and bring one lead into the house, or is there a more
exact science to follow?

Thanks a bunch for your input.

..Gary

gjacek@cyberstore.ca

825. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-20 16:25:57 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3foo6lfkk1@mhadg.production.compuserve.com>
Source record: 262595

Saber is a Motorola Two-way. They are made in VHF and UHF
only. There are several different band splits in each of these
radios. The DO make a Saber SI which is 800 Mhz. Looks similar
but where the Saber has red/orange menu buttons, the SI has aqua.
The newest version out is the Astro. Looks much like the SI but
digital...
CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

826. Packet Cluster

Newsgroup: rec.radio.scanner
Date: 1995-01-20 16:49:28 UTC
From: cseymour@mbunix.mitre.org
Message-ID: <3fopio$47f@linus.mitre.org>
Source record: 262583

```
Looking for the freq's used by Packet Cluster MDT's.
A local PD just installed some.
```

827. New Feature Found From AR8000 Homepage

Newsgroup: rec.radio.scanner
Date: 1995-01-20 16:55:58 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fopuu$cil@nntp.crl.com>
Source record: 262618
Cross-posted to: rec.radio.scanner,alt.radio.scanner

From AR8000 and MORE, now more modular and faster?

Would you like to quickly check what the latest 100 files
were that were uploaded to hobbes, aminet or whatever?

Just access new slick feature in first line of AR8000 and More
with your web browser (preferably the freebie Netscape).
The files and their brief describtions will be displayed.

If enough people like this feature, it stays, if not its history.

73's
Victor Healey (Ki4je)

Send files to ftp://ftp.crl.com/pub/incoming
then send a note via E mailto:vhealey@crl.com to retrieve them.

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

828. Re: Scanner Crystals I need

Newsgroup: rec.radio.scanner
Date: 1995-01-20 17:08:41 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.88.00112599@ccm.hf.intel.com>
Source record: 262542

In article <3ffh8h$2vt@boris.eden.com> robert@eden.com (Robert Barker) writes:

>I've picked up a few crystal scanners over the years and am always
>looking for more crystals. Does anyone have 453.900, 462.975, 453.450,
>465.100, 465.325?

>I've been trying to locate a source for crystals but everything seems to be
>around $10 each (with shipping)..

>My radios all fit the 10.7 IF

Radio Shack still has the best deal on crystals. I think they still charge
about $6

.
Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

829. PRO-43 Intermod Problem

Newsgroup: rec.radio.scanner
Date: 1995-01-20 17:12:49 UTC
From: jim@ttech.com
Message-ID: <jim-200195210535@jimsmac.ttech.com>
Source record: 262577

I recently took my PRO-43 on a trip to Aurora, Illinois. The Aurora Police use a frequency of 155.610. This is the first time that I have used my scanner in this VHF frequency range. I was plagued with intermod from paging transmitters and had to turn the squelch all the way up to monitor this frequency. Has anyone else experienced this problem? I thought that a triple conversion receiver was not supposed to suffer from this problem.

p.s.

It is not a problem with my radio, as I tried another PRO-43.

Any input will be appreciated. Please respond via e-mail.

thanks,

+-jim

jim@ttech.com

830. RS 1000 Channel Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-20 17:14:51 UTC
From: jim@ttech.com
Message-ID: <jim-200195211413@jimsmac.ttech.com>
Source record: 262578

Does anyone know how to modify the new Radio Shack 1000 channel base scanner?

+-jim

jim@ttech.com

831. Re: police computers in-car

Newsgroup: rec.radio.scanner
Date: 1995-01-20 17:15:49 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.89.001143FA@ccm.hf.intel.com>
Source record: 262543

In article <18JAN199510010263@pavo.concordia.ca> m_hawra@pavo.concordia.ca (HAWRANIAK, MARK) writes:

>Does anybody know where I can get info on how to listen on
>police computers via my PC. I have the frequency on which
>they TX/RX computer data but I am have problems on how to
>get the info on to my computer screen. They are using GE
>mobitex computer terminals. Running at a baud rate of 9600
>If anybody could e-mail me info it would be much appreciated.

>Thanks
>Mark

At the current time I don't think there is any viable means to monitor police mobile data terminals. They use a proprietary data format, so they are essentially encrypted (although a real hacker could probably figure out the format).

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

832. Pro43 mod 15-1000MHz info

Newsgroup: rec.radio.scanner
Date: 1995-01-20 17:31:34 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3fos1m$ksr@tiger1.ocs.lsu.edu>
Source record: 262528

I still am unable to find any evidence of a post by
X91SENSNOVIS@wmich.edu dated on the 16th of January. However,
he was kind enough to send me a copy through e-mail. If you
are interested in taking a look at it, and are unable to find
his article from the 16th, as I was, I'm sure he wouldn't mind
sending it to you via email. Should he be too busy, I will forward
a copy to anyone who wants it.
Dave

833. Need help identifying strange signals in 454 MHz band

Newsgroup: rec.radio.scanner
Date: 1995-01-20 17:35:19 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3fos8n$mrv@news.tamu.edu>
Source record: 262615

Hearing some strange signals in the 454 MHz band the past few months.
They are NOT aircraft related nor do they seem to be phone/pager related.
Specific freqs here are 454.175, 454.250, 454.300, and 454.575 MHz.
The best way to describe the signals are that they sound like trunking data
channels (but not exactly). The 454.175 one sounds like is is *busy* for
lack of a better term. The other channels just have a buzzing sound.
Think I found the tower it is transmitting on. City of transmitter would
be listed as Bryan, TX. No voice on this at all. I estimate power on this
to be about 50 watts. Gets out at least 30 miles. Anyone else hear this
stuff or can look it up in a more recent database?

myles KG5AI

--
Myles Barkman KG5AI kg5ai@w5ac.tamu.edu College Station, Texas Ag '92

834. Re: trunking??

Newsgroup: rec.radio.scanner
Date: 1995-01-20 18:03:49 UTC
From: leonard@speedy.cc.uky.edu
Message-ID: <3fotu5$qq6@service1.uky.edu>
Source record: 262605

In article <cgwh.223.0009713E@chevron.com>,
Curtis Wheeler <cgwh@chevron.com> wrote:
>
>I tried to email a reply to you but it bounced. I have an outline of how a
>Type I Motorola system works that I can email to you if you can give me a good
>address.
>

so why not post it for everyone?

leonard

--
Leonard Lauria Leonard@speedy.cc.uky.edu, Leonard@ukcc.uky.edu
Sr. Systems Prog. University of Kentucky Computing Center, Lexington, Ky.

835. California code books

Newsgroup: rec.radio.scanner
Date: 1995-01-20 18:10:26 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.90.00122D0F@ccm.hf.intel.com>
Source record: 262547

For those in California who are interested in knowing what violations are being listed over the air, here is some good info. These books are sorted by section number, so when you hear "wanted for 187, 459, etc..." you can look up what the violations are.

There is a company called LAWTECH publishing that makes very affordable reference books. Their latest mailing has:

1995 Penal Code Quick-Code Law summaries $9.95
(this is like a booklet with summaries of most laws by section number)

1995 Vehicle Code Quick-Code Law summaries $9.95
(quick reference booklet of vehicle code)

1995 Penal Code (abridged) $13.95
(paperback size about 1 inch thick)

1995 Vehicle Code (abridged) $13.95
(same size as Penal Code)

1995 Drug & Narcotic Codes (abridged) $11.95
(I've never see this one)

Their nuber is 1-800-498-0911

LawTech publising Co., LTD.
31921 Camino Capistrano #152
San Juan Capistrano, CA 92675

I have no connection with this company, I'm just a satisfied customer. Some bookstores may carry these books also (you can save the shipping charges). I don't think they have codes for any other states, but you could call them to see if they could put you in touch with someone who does.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

836. Re: Comet "Miracle Baby" antenna....

Newsgroup: rec.radio.scanner
Date: 1995-01-20 18:15:02 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <1732CBA59S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 262525

In article <D2o31s.J91@rci.ripco.com>
dilbert@ripco.com (St. Dilbert) writes:

>I was wondering if anyone has had any experience with this antenna, and what
>your thoughts on it were. Thanks a bunch....

>>I did not expect much performance from it and was NOT disappointed. Its
small size is a plus,especially when used with a micro rig like the
ICOM 2SAT. As a scanner antenna, I can't recommed it either.

If you intend to use it on a rig to work a nearby repeater or to hear
strong stations on a scanner, given its size, it's OK. Otherwise, keep
looking.

837. Wanted Toronto frequencie

Newsgroup: rec.radio.scanner
Date: 1995-01-20 18:19:52 UTC
From: bseburn@vaxxine.com
Message-ID: <D2pux4.Ew3@vaxxine.com>
Source record: 262527

r > Can anyone give me the Toronto freuqncies or can you give me a
r > book of frequencies I can obtain from the library.

A little short on the questions aren't you? Like WHAT Toronto freqs.
would you be looking for?

___ Mountain Reader II - #00000039

838. Re: 2006/Pro 39/2026 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-20 18:46:06 UTC
From: opp@netcom.com
Message-ID: <oppD2pw4v.1p6@netcom.com>
Source record: 262594
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
: >.... The 39 is a virtual replica of the 43.
: > Check a '94 radio shack catalogue for the comparison. ...

: They may "look" alike, but the PRO-39 and PRO-43 are very
: different radios inside. The PRO-43 employs up-conversion
: and has a high level of image rejection.

: --

: ============================================================================
: Copyright 1995, Bob Parnass, AJ9S
: AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414
--
opp@netcom.com
```

839. Re: RS Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-20 19:21:22 UTC
From: dctrhappy@aol.com
Message-ID: <3fp2fi$qu2@newsbf02.news.aol.com>
Source record: 262592

>>Yes, as I have previously noted in this group, I use one RS cheap discone inside, while using the more expensive (and larger) one outside. There is a BIG difference, at least at my location. Try to get it as high as possible. You will see improvement in all bands, AND cordless. Good Luck

-also try using a standard TV amplifier w/ the discone. Make sure the ohms on the amp and discone match.

840. cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-20 19:24:22 UTC
From: dctrhappy@aol.com
Message-ID: <3fp2l6$qv6@newsbf02.news.aol.com>
Source record: 262589

Is it possible to start a radio station and simply broadcast it over a cell phone (paying for the time of course)? Obviously this would only cater to those w/ scanners. Or would you have the gmen at your doorstep..?

841. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-20 19:33:47 UTC
From: cmartin@cix.compulink.co.uk
Message-ID: <D2pyCB.6wp@cix.compulink.co.uk>
Source record: 262529

MQ%% should clear the current bank

Chris

842. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-20 19:45:43 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3fp3t7$h92@news1.digex.net>
Source record: 262588

: opp@netcom.com
> Have asked a couple of times for them to send me more info when they
> first advertised the mod. Till date not a word from them ? Whats
> happenening?Didnt think think it would be possible for a PRO43 to do as
> they claim?

Well, they e-mailed me they were going to have the mod posted in
either MT or Pop Comm and offer an address for the mod for those
too squeemish to disect their own radios. As long as the processor
allows, any scanner cant count up/down to an internal limit, but
the sensitivity will be non-existent to poor in the new regions. I'd
hoping to be able to do what they claim, it would certainly give
an added value to an already outstanding scanner.

I wonder if Bob Parnass has heard of this mod?

Andy

843. Re: **Mysterious Government Frequency**

Newsgroup: rec.radio.scanner
Date: 1995-01-20 20:10:41 UTC
From: murple@clark.net
Message-ID: <3fp5c1$b3p@explorer.clark.net>
Source record: 262620
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Yeah, I've been checking this frequency alot, it does seem to be related
to some sort of police or federal homicide investagting department.
Pretty interesting frequency...

844. Re: Need Victoria/Canada Freq's

Newsgroup: rec.radio.scanner
Date: 1995-01-20 21:11:56 UTC
From: lambrose@csc.com
Message-ID: <3fp8us$4tp@explorer.csc.com>
Source record: 262587

(bikrim grewal) (Unknown) wrote:
: Does anyone know Victoria Canada freq's? Leave them at BGREWAL@HSDCF.UVIC.CA

Here are a few, not tested, until you get the book refered to.

Police (all areas)
155.67 RCMP Net
153.74 B.C. Highway Patrol
154.86 County Marshalls Office

Victoria
155.55 Victoria Police
151.07 Victoria Fire
155.055 Duncan area police
155.715 RCMP Nanaimo
153.80 Vancouver Island RCMP Net
154.19 Vancouver Island fire
154.25 Vancouver Island fire

I have some frequencies for the B.C. mainland, the US San Juans,
Bellingham.....

Laren Ambrose Computer Sciences Corp.
Contract to the: FAA, Airports Division, Seattle

845. Re: heard on the air

Newsgroup: rec.radio.scanner
Date: 1995-01-20 21:50:30 UTC
From: hiyall@vnet.net
Message-ID: <3fpb76$82j@ralph.vnet.net>
Source record: 262597

Police Dispatch : Unit 43 10-86 (Larceny) see the man says man from up
the street stole his dog and then sold it to another man on his street.
Now the other man is trying to sell the dog back to him.......

Wish I would have heard more of this transmission......

Two police women talking only heard the end of the conversation....

" She must have had 50 or 60 pairs of panties on her"

846. BC 855xlt

Newsgroup: rec.radio.scanner
Date: 1995-01-20 21:58:25 UTC
From: krstohr@csupomona.edu
Message-ID: <1995Jan20.135825@clstac>
Source record: 262590

I have got an old Bearcat 855xlt 50 channel scanner. I have heard
that there is a modification for it, but have never been able to find
one. Is there a book I can get, or does someone have instructions
on how to "fix" this scanner? Thanks!

--
Kenj
KRStohr@CSUPomona.edu

The only way to eliminate nuclear weapons is to use them.

847. FREE Motorola MCX-100, just come and get it.

Newsgroup: rec.radio.scanner
Date: 1995-01-20 22:18:45 UTC
From: jthurs@gcr.com
Message-ID: <3fpcs5$44j@lute.gcr.com>
Source record: 262607

Well, I have a Motorola MCX-100 radio that I have had hanging around for years. I picked it up at a hamfest a few years ago, and have never pursued getting all of the parts it needs. I only have the main unit, no microphone, cables, or manual. I don't want anything for it. I just want to give it to someone who can maybe use it for whatever.
Please reply back via e-mail if interested.
--Jason

```
============================================================
| Jason Thurston | jthurs@gcr.com |
| Firefighter III/EMT-A |_________________________|
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
============================================================
```

848. Re: How to clone a cell phone so 2 have same number

Newsgroup: rec.radio.scanner
Date: 1995-01-20 23:37:26 UTC
From: FVXN22A@prodigy.com
Message-ID: <3fphfm$a7c@usenetw1.news.prodigy.com>
Source record: 262526

The last time I checked, alt.cellular-phone-tech was for some reason, not available on *P*----it is however, available on AOL's internet newsgroups.

849. Re: Automotive holder for handhelds?

Newsgroup: rec.radio.scanner
Date: 1995-01-20 23:43:42 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3fphre$n68@dcsun4.us.oracle.com>
Source record: 262600

Victor Healey Ki4je <vhealey@crl.com> wrote:
>
> Please look at page 62 of Newsweek Jan 23,1995 southeast
> edition. There is an ad that features a cell phone
> holder that may be ideal for the ar8000.
> Basically it plugs into the lighter socket and the
> scanner/ht/phone clamps into holder. I like the idea of the view
> angle which is essential to the ar8000.
> Cost by mail order is $40.
>
> Has anyone seen these at a local retail outlet?
> Has anyone tried one with a scanner?
> If the antenna gets in the way you could use a mini
> mag mount and plug your rubber duckie into it and the
> line into the scanner.
> ...
> Vic Healey ki4je
> mailto:vhealey@crl.com
> ftp://FTP.CRL.COM/users/ro/vhealey/www/ar8000.homepage.html
>
A word of caution: I purchased a similar device and thought it would work great, but after installing it realized it interfered with my stick shift. Some floor mounted automatics might also get in the way. I puchased mine locally and was able to return it right away, but if you order by mail and have a shifter that might get in the way, you might want to investigate this potential problem first.

Randy Duran
rduran@us.oracle.com

850. ICOM 7100 Software

Newsgroup: rec.radio.scanner
Date: 1995-01-21 00:33:33 UTC
From: eevans@aol.com
Message-ID: <3fpkot$mo@newsbf02.news.aol.com>
Source record: 262598

For those interested...

I posted a shareware control program for the ICOM 7100. It requires a PC, windows, and a CT17 compatible interface. To access the program ftp to oak.oakland.edu. The program is comm100s.zip and is in the /pub3/hamradio/pc/ham-utils directory.

The program controls most of the front panel options of the 7100 and will keep track of the frequencies during logging. Additional features include increased speed by using the computer as a controller for scanning.

851. Re: Batteries and the AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-21 00:40:39 UTC
From: wa1omm@aol.com
Message-ID: <3fpl67$p9@newsbf02.news.aol.com>
Source record: 262599

I use the deafult power saver settings.
73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

852. Re: Wanted Toronto frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-21 00:56:04 UTC
From: Jeff Kriss <jeffkriss@maloca.com>
Message-ID: <3fpm34$5fb@gate.maloca.com>
Source record: 262610

ruth@cml.com (ruth) wrote:
>
>
> Hi all:
>
> I am new to this group!
>
> Can anyone give me the Toronto freuqncies or can you give me a name of a
> book of frequencies I can obtain from the library.
>
(stuff deleted)

Ruth,

Try the Haruteq scanner guide available at most Radio Shack stores, or
Scantrix which is also a good guide for the Toronto area.

If you're looking for specific stuff, e-mail me directly and I'll try to help.

Jeff
jeffkriss@maloca.com

853. Scanner Freq.'s in Kitsap County Washington???

Newsgroup: rec.radio.scanner
Date: 1995-01-21 01:08:53 UTC
From: saffronday@aol.com
Message-ID: <3fpmr5$149@newsbf02.news.aol.com>
Source record: 262606

I'm looking for some police frequency's and anything else interesting in Kistap County Washington, anyone have any help for me?

854. Re: Automotive holder for handhelds? (and quake)

Newsgroup: rec.radio.scanner
Date: 1995-01-21 01:16:23 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3fpn97$rl7@nntp.crl.com>
Source record: 262603
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> A word of caution: I purchased a similar device and thought it would
> work great, but after installing it realized it interfered with my stick
> shift. Some floor mounted automatics might also get in the way. I
> puchased mine locally and was able to return it right away, but if you
> order by mail and have a shifter that might get in the way, you might
> want to investigate this potential problem first.
>

Bummer I went ahead and ordered it after I checked
Rat Shack. I had seen something that looked like it when
wandering around the store. Turns out it may be similar
but theirs bolts to the vehicle and has no power supply
option.So I ordered out of the 1-800 number. How much did you
pay and was it sturdy enough for a scanner or ham ht?
If worst comes to worst I can use it with cell phone.

Vic Healey

PS

Quick pointer to Japanese Quake Info placed on ar8000 & more page
for those looking for pictures, list of injured and other info.
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.htm
The pointer is temporary and wil be deleted when interest in the
quake dies out. Also saw that NBC news tonight said that
Calf quake certainty updated today. I vote that uninsured
people who choose to live there do not get any government
handouts to rebuild in the same area. If they want to be made
whole after the certain destruction they must carry their own
insurance before hand. IMHO

Sony hit by quake. See chain of pointers.

855. Re: 2006/Pro 39/2026 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-21 01:31:49 UTC
From: mpalinsk@industry.org
Message-ID: <25605RLPCMDXONKLIMF@industry.org>
Source record: 262612

IP> >.... The 39 is a virtual replica of the 43.
IP> > Check a '94 radio shack catalogue for the comparison. ...

IP>They may "look" alike, but the PRO-39 and PRO-43 are very
IP>different radios inside. The PRO-43 employs up-conversion
IP>and has a high level of image rejection.

not to mention the Pro-43 has triple-conversion and covers 200-400Mhz

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

856. Re: AR8000 ERROR

Newsgroup: rec.radio.scanner
Date: 1995-01-21 01:33:35 UTC
From: jdnails@best.com
Message-ID: <3fpofs$m5l@news1.best.com>
Source record: 262616

Victor Healey Ki4je <vhealey@crl.com> wrote:
>> Has any AR-8000 users experienced a high rate of "PLL-ERROR"'s even after
>> changing the time constant to 40ms, I still experience a high rate of
>> PLL-ERROR . I think it might have something to do with the cool air, any
>> Ideas?!?!?
>>
>How cool, some of us may have to leave it the refrigerator or
>the freezer to check this out?
>
>I haven't seen one PLL ERROR yet but it has been a warm winter here in Ga.
>
>
>Vic
I get 'em just about every time the Batt. low warning comes on.
I'm not sure if its when i use the OEM batteries or the aftermarket ones i bought.

Jack D'Orazi
UNION Carpenters, Building America

Internet---> jdnails@best.com
CompuServe-> 75104.1721@compuserve.com NRA Member

ftp://ftp.best.com/pub/jdnails Freedom\\Not Free any more,
[Feedom First Safety Later] you need to buy it now.

857. BC 700A

Newsgroup: rec.radio.scanner
Date: 1995-01-21 01:41:03 UTC
From: Chris Scheil <cschei1@grfn.org>
Message-ID: <Pine.SUN.3.90.950120203811.22904A-100000@freenet.grfn.org>
Source record: 262475

I'm looking at buying a used Uniden Bearcat 700A and was just wondering
if anyone has any opinion about this particular model. Also, are there
any interesting mods that can or cannot be performed on it?

Thanks in advance for any info,

Chris Scheil

858. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-21 01:43:43 UTC
From: jdnails@best.com
Message-ID: <3fpp2u$m5l@news1.best.com>
Source record: 262617

gd@RCINET.res.utc.com wrote:
>In article <D2D44y.FIu@news.arco.com>, Glen Arceneaux <ddjgwa@arco.com> writes:
>>I recently purchased an AR8000 at Tucker Electronics in Dallas. I
>>discovered two annoying problems:
>>
>>1. The BandPlan data for the unit was UK - based. This made the "Auto"
>>mode virtually useless for me here in the States.
>>
>>2. The dial selector appears to have a "bounce" problem, making the
>>entry of channel annotation (and all entries from the DIAL) annoying.
>
> I also have the bounce problem with the dial selector on my AOR8000 but my
>bandplan is a fairly good US plan (some errors though).
>
> Are they selling units in the US that have been cellular castrated but have
>the UK pandplan? I thought those two operations would be done together.

I was told that the UK mod. had a step of 12.5 when scanning the cell range
and that other than that the bandplan was identical to the US .

RE the bounce. Are you refering to the fact that when you turn the dial to manualy change the chanel it will skip over a few chls and then stop on one. If so you are probably in scan
and if you are in [scan mode] try hitting the [scan] button until you see M.RE in the upper Left corner of the vfo and then try tuning the chanel with the dial.

If not and if i'm way off please inform me as to what is ment by the "bounce" problem please.

400 chls in mem, 600 to go :-)) ~runing out of things to monitor~ ;-)

Jack D'Orazi
UNION Carpenters, Building America

Internet---> jdnails@best.com
CompuServe-> 75104.1721@compuserve.com NRA Member

ftp://ftp.best.com/pub/jdnails Freedom\\Not Free any more,
[Feedom First Safety Later] you need to buy it now.

859. Re: Poor reception

Newsgroup: rec.radio.scanner
Date: 1995-01-21 02:12:36 UTC
From: jfe@efn.org
Message-ID: <D2qGt1.E5L@efn.org>
Source record: 262604

The best thing for you to do is to get the antenna outside. The body of your car is blocking almost all of the signal. You can get an outside antenna that looks like a cellular or CB rig. You can get clip-on or magnet mount antennas that you can put in your car when you are parked so it wont alert the theives, and it's made for CB's so the cops won't give it a second look. Works great with a short coax cable leading to your hidden receiver.

860. Re: EUREKA!! New PRO-51 successfully modified to receive cell!

Newsgroup: rec.radio.scanner
Date: 1995-01-21 02:20:43 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3fpr1sgbh1@mhade.production.compuserve.com>
Source record: 262552

You must be joking. It's been repeatedly posted on here that no internal mod is needed with the 7A4 (and I've verified this)!!!!! It's the 8A4 units with the FCC ID ending in 20-308A that would need some kind of internal mod. With the 7A4 units you just need to do an additional step with depressing keypad buttons.

861. Re: Comet "Miracle Baby" antenna....

Newsgroup: rec.radio.scanner
Date: 1995-01-21 02:41:51 UTC
From: leber@panther.warm.inmet.com
Message-ID: <D2qI5s.G0C@inmet.camb.inmet.com>
Source record: 262596

In article <D2o31s.J91@rci.ripco.com>, St. Dilbert <dilbert@ripco.com> wrote:
>I was wondering if anyone has had any experience with this antenna, and what
>your thoughts on it were. Thanks a bunch....

No personal experience, but word in the local Ham community isn't too
favorable...the popular saying is that it's called a "Miracle Baby"
because if you can hit the repeater using it, it's a miracle!

Seriously, if you need an ultra-compact antenna for short range communications
(say, around a Hamfest), this may do just fine. Otherwise, I'd skip it.

Your mileage may vary, and, as I said, this isn't my personal experience...
just what I've heard...

Cheers,
Tom
--
Tom Leber N3QKV <leber@warm.inmet.com> Intermetrics, Inc., Warminster PA USA
"Smother technology and it rebels." - Max Headroom

862. Re: heard on the air

Newsgroup: rec.radio.scanner
Date: 1995-01-21 02:43:00 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <1732C1316AS86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 262627

A car hit and totally trashed a pole. After the fire deptartment arrived they called for Ohio Edison to come out. The dispatcher asked the fireman if he had the pole number. "Not any more" was the reply.

***

The Police dispatcher put out a call about a man urinating in the middle of the street. The officer that got the call decided that it was 'screw with the dispatcher' time and made it appear that he didn't hear the call due a radio problem. After the dispatcher repeated the call three more times the dispatcher finally screamed "there is a man pis*ing in the street. A few seconds later the watch commander and told the dispatcher to find someone else to dispatch and he would be in to talk to him.

***

A few years ago, an EMS call went out for a man that OD'd on Preperation H. Later the same ambulance was diapatched to another call and asked dispatch how the OD call. Dispatch said "it all came out in the end."

863. Motorola MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-21 03:02:03 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.95Jan20190204@regal.cisco.com>
Source record: 262548

Does anyone have any information on the Motorola MTX9000 radio? Is it a single frequency or trunked unit? Is there a way to read the frequency from the LCD display?

The radio has a rather small flexible antenna, so I am assumming that it is either in the 450 or 850 Mhz range.

--

Claude Alan Cartee "I have neither the time nor the inclination to explain
170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep
---

864. Wanted: 800 Mhz scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-21 03:50:17 UTC
From: c570074@mizzou1.missouri.edu
Message-ID: <c570074.2.2F208479@mizzou1.missouri.edu>
Source record: 262541

I'm looking to buy a not-too-terribly expensive 800 Mhz-capable scanner. I don't really care if it's handheld or base/mobile, but I'd like it to have at least 50 channels and the 800 Mhz band, in addition to the standard ranges. Air band and cellular mod-capable would be nice, too. I'm a bit flexible on price, but I don't want to spend $200 or more. Cheaper is better.

Any offers, please let me know. Thanks

Chris Schlanger
FF/EMT/Tech Rescue, Boone County Fire District
Columbia, MO
Medical Student
University of Missouri, Columbia
c570074@mizzou1.missouri.edu

865. Pro-2029 mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-21 04:35:53 UTC
From: John.White@bbs.dmapub.dma.org
Message-ID: <1995Jan20.233553.13486@dmapub.dma.org>
Source record: 262551

Are there any modifications out there for a Radio Shack Pro-2029?

If so, please inform me...thanx in advance...

--
John White, user of the UniBoard System @ dmapub.dma.org
E-Mail: John.White@bbs.dmapub.dma.org
The Dayton Microcomputer Association Voice: (513) 222-4DMA (4362)
Public Unix Access System, Dayton, OH. Data: (513) 222-INET (4638) (USA)

866. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-21 04:57:00 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.230.0016F3E7@chevron.com>
Source record: 262611

In article <3fkjqg$r4h@ixnews3.ix.netcom.com> Phobus@ix.netcom.com (Brian Barrett) writes:

>Any one know how traffic copters transmit to radio stations. I would
>like to see if one can monitor these conversations while they are "off
>the air"(so to speak). Are these transmissions monitorable and if so,
>what freq should I try?

They would be in the auxiliary broadcast service. Probably considered low
power auxiliary stations. So you might find them in these areas...

(all in MHz)

26.100 to 26.480
54.000 to 72.000
76.000 to 88.000
161.625 to 161.775 (except in Puerto Rico or the Virgin Islands)
174.000 to 216.000

450.000 to 451.000 (A good bet in the SF bay area. Try 5 MHz up for inputs.)
455.000 to 456.000 (Like I said, 5 Mhz up)

470.000 to 488.000
488.000 to 494.000 (except Hawaii)
614.000 to 806.000
944.000 to 952.000

But remember... you aren't supposed to listen in on auxiliary broadcasts.
(Now I'm off the hook)

And before all of you with freq spectrum allocation charts tell me I am wrong
about some of these please remember that they may (might) operate as a
secondary service on some bands.

>Also, I have noticed that many fast food places have drive thru order
>takers that wear cordless headsets. Don't know how interesting it would
>be to listen to but does anyone know the freq of these as well?

There is no specified fast food radio service. Try the private land mobile
services - most likely the business service frequencies - KFC might be
eligible to use the petroleum radio service, who knows? Business radio has
frequency allocation all over the place between 27 MHz and 10 GHz. But please
don't start a fast food thread with every McD's freq you've found. God help
us all.

>-- Brian

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

867. Re: Secret Service Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-21 05:20:30 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <BWx5akO.donhayes@delphi.com>
Source record: 262622

Bundy Chanock <bundy@webe.hooked.net> writes:

>Glen from Scanners Unlimited says that the SS scramble
>everything once the person gets to town, at least here in San
>Francisco. Once they're gone, the scrambing stops. I haven't
>checked this myself.

Yes, Glen is correct. I live in the NYC metro area, and once they announce "wheels down on AF1", almost all comms are scrambled. There are some exceptions if they have radio problems, etc. When "eagle" comes to New York, I monitor the NYPD's channels, because they are never scrambled and there is where you find the action anyway. ie; rooftop searches, motorcades progress, checkpoints etc.

Bundy- Please tell Glenn that I said hello. I was on assignment in the Bay Area for around 18 months back in 1991-1992 and visited Glenn's store at least every 8 weeks or so and purchased a number of Glenn's publications on local freqs. He's got a great store and is a very nice guy! Thanks,send him my best.!!

868. Re: Qake in Japan may affect high tech radio supply

Newsgroup: rec.radio.scanner
Date: 1995-01-21 05:29:17 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <B26bauF.donhayes@delphi.com>
Source record: 262623

Good point! Natural disasters occur everywhere, be it tornados, hurricanes, floods, etc. However, the most recent studies indicate that California is certainly more prone to this type of disaster than other areas of the US. While you shouldn't lose any sleep over it, a well thought out emergency plan would certainly be a good recommendation, So, if disaster strikes, you will be able to tilt the odds in your favor of survival!!! Trust me, we find that we are in a precarious situation every fall when the Atlantic Ocean and mother nature presents us with hurricane season. We have back up battery power, food, watrer and blankets in the event of a hurricane reaching our area!

869. Re: RS Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-21 05:33:20 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <J27YSIA.donhayes@delphi.com>
Source record: 262624

No question that you will see a noticeable improvement in your reception. You may have to turn down the squelch. Try to minimize the length of cable that you use to connect to the radio to minimize signal loss. I have the Radio Shack all band discone runs from 2-1000 MHz. Works fine! Enjoy the listeening!

870. Super-Bearcat 2500XLT or dealer scam?

Newsgroup: rec.radio.scanner
Date: 1995-01-21 05:36:29 UTC
From: eskin@btree.brooktree.com
Message-ID: <3fq6gt$cpl@btree.brooktree.com>
Source record: 262613

My local scanner dealer is really hot to sell me what he describes as a "Press version" of the BC2500XLT. He claims it has faster scan speed (120 vs 100 cps), greater audio output (1 watt vs .5), better receiver (something about digitizing the audio data for spread spectrum decoding for Federal use), and continuous coverage (no cell lockout).

The dealer has a pretty good reputation, but I can't find anyone else to validate that this unit really is what he claims it is. I can't by looking at it tell it from a modifyable older BC2500XLT with the mods preinstalled. He's asking a small fortune for the units, claims that he sells many to UPI, the Navy, and other federal groups, but I really don't know whether to believe him or not.

Anyone have any idea if this is really what he says it is or am I just being scammed? Did Uniden manufacturer some special-purpose scanners that are finding their way into the private sector?

I'm pretty seriously considering buying one of these if he's telling the truth, but I'd really appreciate any advice or information anyone on the net can give me.

Michael
KC6NZK

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

871. Re: RE:Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-21 06:17:36 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3fq8u0$726@globalnews.globalvision.net>
Source record: 262557

<BIKRIM GREWAL) wrote:
>
> After I finished having a conversation on my cordless phone, I pulled
> out the telephone jack from the base unit and left the handset on. I heard the
> neighbors talking on their cordless phone and assumed that the handset was
> now a scanner in itself.

Yeah, that sometimes happens with some of the older phones; I've
haven't had it happen on my new one. But of course, it doesn't come
close to the fun you can have with a scanner! (-:

Scott

872. Re: Price for unblocked AR8000?

Newsgroup: rec.radio.scanner
Date: 1995-01-21 06:42:12 UTC
From: <>
Message-ID: <Reid.G-2001952342120001@17.127.10.51>
Source record: 262609

In article <3euuu3$5ur@mojo.eng.umd.edu>, achern@io.avl.umd.edu (Alex Chernyakov) wrote:

> Jerry Gardner x323 (jerry@isi.com) wrote:
>
> : Anyone know the price, in US$, that Javiation charges for an unblocked
> : AR8000? Atlantic Ham Radio wants US$815, which seems rather high to me.
>
>
> I've mailed Jonathon at Javiation and asked him questions regarding
> pricing, etc for the AOR800. Here are my questions and his replies.
>
> -----
>
> > How much is Javiation selling the AOR8000 for these days?
> 395.00 Sterling. This works out to be about $620 with the current
> exchange rates but you will also have about $35 Import Duty to
> pay.
>
> > How much is the two-day UPS Express shipping?
> Included in above
>
> > How much is the computer interface from them?
> 80.00 Punds sterling.
>
>
> > What sort of warantee is offerred with the scanner?
> 12 months warranty.
>
>
> > Second, what is the "return policy". Does Javiation offer a full refund for
> > some amount of time?
> We don't have an "official" line on this but accept returns within
> a "reasonable" period - most people seem to refer to 30 days - I
> am pretty easy on the subject providing customers don't take
> advantage - I like to do business on a friendly basis wherever
> possible.
>
>
> > Third, what is the frequency coverage of the AOR8000's that you sell? Are
> > they gapped at 800 MHz? Are they gapped anywhere?
> Continous no gaps
>
> > Fourth, is there some sort of catalog you could send me? How do I order?

> We are just putting a new catalogue together - should come off the
> photo-copy machine later this week. We will also have some www
> pages available within the next week or so hopefully that will
> have such sets as the AR8000, Yupi etc on their.
>
>
> ---------
>
> This is as of several days ago. I'm waiting for a reply about
> receiving their scanners preprogrammed with a US BandPlan. When I find
> out about this, I'll post it here.
>
> -Alex.

Just received my AR8000 from Javiaton today. I'm very pleased. Surprised
at the quality of the nicads thast come with this unit, 700 mhr.

Greg
(the)

--
the RotnApple

873. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-21 07:27:09 UTC
From: SPSBEER@ins.infonet.net
Message-ID: <SPSBEER.62.001BC96E@ins.infonet.net>
Source record: 262534

I saw an ad in our local paper looking for scanner listeners to call in at night to let the paper know about the police and fire scoops that they heard. Isn't it illegal to divulge what you heard on your scanner to a third party?

I know the media listens to scanners all the time; are they bending the law or is there a loophole for them?

TIA,
<< Mike Snyder spsbeer@ins.infonet.net >>
<< S.P.S. Beer Stuff, Homebrew Supplies by Mail (319) 393-1219 >>
<< on-line catalog--> http://www.infonet.net/showcase/spsbeer/ >>

874. Re: How to clone a cell phone so 2 have same number

Newsgroup: rec.radio.scanner
Date: 1995-01-21 07:43:48 UTC
From: pacholczyk gregory <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950121023728.11436C-100000-100000@umbc8.umbc.edu>
Source record: 262565

On Tue, 17 Jan 1995, Jay Potts wrote:

> Keywords: How to clone a cell phone so 2 have same number
> Does any one know how to clone a cell phone so that I will end up
> with 2 on the same number. I seem to remember reading about it somewhere
> or seeing an add offering the service.
>
>
> Thanks
> J. Potts (jpotts@wca001.den.mmc.com)
>
>
I've got the software and manual to do it if your interested. Contrary
to any myths, it is perfectly legal to clone your own cell phone. it's
so simple a 5 year old child could do it in less than 15 min..
-G

875. Re: Comet "Miracle Baby" antenna....

Newsgroup: rec.radio.scanner
Date: 1995-01-21 12:00:41 UTC
From: Jon.Gefaell@Virginia.EDU
Message-ID: <Jon.Gefaell-2101950700410001@cisco-slip29.acc.virginia.edu>
Source record: 262621

Personal anecdote: Last week at a HAMfest a total stranger gave me his
when I asked about it! After using it a few times I plan to give it away
at the next fest I attend. It's like a fruitcake I suppose. Or a dummy
load.

--
Jon Gefaell, Computer Systems Engineer |"A well regulated Militia, being
University of Virginia, ITC/Madison Hall | necessary to the security of a
--| free State, the right of the
Monticello Area Virtual Village | people to keep and bear Arms,
Systems Designer and Operations Manager | shall not be infringed."

"I swear to protect the Constitution of The United States (Will chmod (
of America against all enemies, foreign or domestic.") for food)
--

876. Re: Pro46 Vs. Pro51

Newsgroup: rec.radio.scanner
Date: 1995-01-21 13:04:16 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5982@rook.ukc.ac.uk>
Source record: 262532

>the Hyperscan feature, which is quite nice, and is somewhat smaller and

IS this Hyperscan just a nice sounding name or does it have a real
significance of some kind?

--
"If management services were to grow to the point where they became the
tail that wags the dog, I would have to seriously rethink my position."

Byker Grove Gazette, July 1969

877. Pro39

Newsgroup: rec.radio.scanner
Date: 1995-01-21 14:24:03 UTC
From: opp@worldweb.net
Message-ID: <opp-2101951124030001@204.117.218.105>
Source record: 262530

[No readable article body recovered]

878. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-21 14:26:21 UTC
From: opp@worldweb.net
Message-ID: <opp-2101951126210001@204.117.218.105>
Source record: 262531

In article <3foo6lfkk1@mhadg.production.compuserve.com>, Carl Robbins
<75230.2407@CompuServe.COM> wrote:

> Saber is a Motorola Two-way. They are made in VHF and UHF
> only. There are several different band splits in each of these
> radios. The DO make a Saber SI which is 800 Mhz. Looks similar
> but where the Saber has red/orange menu buttons, the SI has aqua.
> The newest version out is the Astro. Looks much like the SI but
> digital...
> CARL
>
> --
> CARL ROBBINS "Calgon TAKE ME AWAY!"

879. Pro 2006 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-21 14:34:20 UTC
From: opp@worldweb.net
Message-ID: <opp-2101951134200001@204.117.218.105>
Source record: 262533

[No readable article body recovered]

880. A Big THANKS and another question

Newsgroup: rec.radio.scanner
Date: 1995-01-21 14:52:25 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <D2rFzD.Bw1@freenet.carleton.ca>
Source record: 262539

Thanks to CLough and vhealey and everyone else for the
Javiation info, and especially vhealey for his awesome
WWW site! Now the question part: Clinton is coming to Canada
at some point, so apart from the local police/municipal/etc.
frequencies what SS or US federal freqs would be interesting?

Thanks again,

Tim

--
============================ =|= Tim Murphy =|= Want free info from
||This post made from 100%|| =|= goombah@globalx.net =|= CSIS? Call your mom
||recycled electrons. || =|= (613) 562-1664 =|= and mention them by
============================ =|= Finger for PGP key =|= name! Act now!

881. Re: Icom 2SRA INFO WTD

Newsgroup: rec.radio.scanner
Date: 1995-01-21 15:22:50 UTC
From: tedtrost@netcom.com
Message-ID: <tedtrostD2rHE2.HGo@netcom.com>
Source record: 262538

mpalinsk@industry.org wrote:

: alright, someone explain what a PL is...

Put simply, PL is a Motorola term for CTCSS, or Continuous Tone Closed Squelch System (or somthing like that).

CTCSS allows for a sub-audible tone to be transmitted with whatever else is being transmitted. Because you can't hear it, you don't know it is there and it doesn't interfere with your transmission.

On the receiving end, you can do several things with it. First, you can set up your radio to receive only transmissions with the tone, allowing you to "filter out" transmissions from other radios who are not transmitting the tone. This is good in areas where several companies are using the same frequencies. It can also be used as a method of limiting access to a repeater. Only those who know the CTCSS frequency (and use it) can trigger the repeater. Also, by telling your radio that you want to hear transmissions with a particular CTCSS tone only, you can eliminate most intermod as well.

The 2SRA can be set to sound an alarm when a particular tone is heard. This could be used for signalling a group of HAMs for example.

Ted

--
Ted Trost, N1RDQ * tedtrost@netcom.com * C-Serve:71175,1043

882. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-21 15:26:19 UTC
From: twhitman@interport.net
Message-ID: <3fr92r$2gg@interport.net>
Source record: 262540

In <3fp2l6$qv6@newsbf02.news.aol.com> dctrhappy@aol.com (DctrHappy) writes:

>Is it possible to start a radio station and simply broadcast it over a
>cell phone (paying for the time of course)? Obviously this would only
>cater to those w/ scanners. Or would you have the gmen at your
>doorstep..?

Why would somone want to do this? Wouldn't it be a lot better to use a
VHF or UHF radio? If you used a cellphone, who would hear you and do you
think that the owner of a cellsite is going to let you tie up that
cellsite playing music or somthing?

883. Help..scanning in Toronto

Newsgroup: rec.radio.scanner
Date: 1995-01-21 17:50:00 UTC
From: dominique.cormann@canrem.com
Message-ID: <60.14131.5773.0N1CADCE@canrem.com>
Source record: 262544

Hi.

I purchased a 890xlt a bit ago. I have just moved to Toronto, from the town of Guelph. In Guelph our police/fire/ambulence systems were very simple and allowed for very simple monitoring.

I have the Haruteq scanner book, and looked up the freqs for Toronto's police. That was a mess...lots of tones being spewed all about, which didn't allow for easy scanning. The tones were only temporary and each channel would come back in a while, so it wasn't useful to just lockout channels. How does this 800mhz system work...does it us a PL tone? I have a PL tone board in the Bearcat. I used to succesfully listen to the OPP this way.

Can somebody help me with the Fire dept too? Most of the freqs I got out of the book have lots of static...bursts of it and nothing clear. Can somebody give me a list of the channels I should monitor for the downtown Toronto area...or maybe which ones I should ignore in the haruteq scanner book. Do the fire dep use PL tones?

Can anyone give me some help with all this? Any help will be much appreciated!

... Why buy her a diamond if she won't live forever?
___ Blue Wave/QWK v2.12 OS/2

884. Re: EUREKA!! New PRO-51 successfully modified to receive cell!

Newsgroup: rec.radio.scanner
Date: 1995-01-21 18:43:35 UTC
From: knob@netcom.com
Message-ID: <knobD2rqon.5Mq@netcom.com>
Source record: 262546

In article <3fpr1sgbh1@mhade.production.compuserve.com>,
Jeff Goldman <76703.4224@CompuServe.COM> wrote:
knob-:You must be joking. It's been repeatedly posted on here that no internal
knob-:mod is needed with the 7A4 (and I've verified this)!!!!! It's the 8A4 units
knob-:with the FCC ID ending in 20-308A that would need some kind of internal mod.
knob-:With the 7A4 units you just need to do an additional step with depressing
knob-:keypad buttons.

Seconded! I just got a 7A4, and you need to do the 2/9/band
first, then 2/9/l/o to get the 888MHz freq in channel 23. Presto! It
works! I had an 8A4 and it didn't have the brown wire, and the keyboard
mod put 857MHz in ch. 23. As far as I know, 8A4s are not modifiable
(~easily).

- Jeff <knob@netcom.com>

--
==========
DON'T TREAD ON ME!
==========email to knob@netcom.com==========

885. BC2500XLT wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-21 19:17:41 UTC
From: eskin@btree.brooktree.com
Message-ID: <3frmkl$5ep@btree.brooktree.com>
Source record: 262549
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am looking to buy a used Uniden Bearcat 2500XLT. The unit must be cell modified or modifyable.

Please email or call (619) 535-3476

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

886. AR800 from Japan

Newsgroup: rec.radio.scanner
Date: 1995-01-21 19:26:44 UTC
From: monty@pipeline.com
Message-ID: <3frn5k$16l@pipe3.pipeline.com>
Source record: 262569

Hi,

I was wondering whether anyone knows if the AOR AR8000 can be purchased in Japan (It is made in Japan isn't it?). How does it compare with the UK or US model in regards to what it can and can't do? How much is it retail out there?

Thanks for any help,

Bryan.

887. WWWeb scanner address list

Newsgroup: rec.radio.scanner
Date: 1995-01-21 19:26:45 UTC
From: mcouture@asterix.drev.dnd.ca
Message-ID: <3frcn4$7ak@asterix.drev.dnd.ca>
Source record: 262550

A few weeks ago I saw an interesting list of http: address of WWW
for scanners related home page but I lost this article
Could you please repost it
Thank you

888. AOR-8000

Newsgroup: rec.radio.scanner
Date: 1995-01-21 20:07:39 UTC
From: b1y1m39@kato.Bell-Atl.Com
Message-ID: <3frpib$ei5@kato.bell-atl.com>
Source record: 262556
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Could someone post purchasing info on this scanner:

1. Prices
2. Outlets
3. Accessories (prices)

--
==========
Bob Esposito | Voice/Voice-Mail: (610) 278-2595
Bell Atlantic Corp. | E-Mail: b1y1m39@kato.bell-atl.com
Philadelphia, Pa. | AlphaPager: 5511650@kato.bell-atl.com

889. AR8000 & Macintosh

Newsgroup: rec.radio.scanner
Date: 1995-01-21 20:16:34 UTC
From: RAlpert@qm.ATTAIN.com
Message-ID: <RAlpert-2101951516340001@0.0.0.0>
Source record: 262554

Does anyone out there have an AR8000, the computer interface and a Macintosh?

I am working on a program to interface the Mac to the AR8000 and would like to know who, an any, fits this catagory.

Right now the program allows you to enter frequencies, modes and text for each scan bank.

I will be expanding it to do much more, but I have little experience with scanning and I don't know what features would be important.

I will be adding in search banks and scan and search linking.

Are people interested in fully controlling the AR8000 or do you just want a program to store, upload and download banks, or a combination or both?

Thanks for the input,

Robert Alpert

890. Re: Wanted: Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-21 20:24:14 UTC
From: Jim Youse <jimyouse@delphi.com>
Message-ID: <pq7bCuG.jimyouse@delphi.com>
Source record: 262553

LWF69 <lwf69@aol.com> writes:

>Wanted to buy: a cheap (but decent) frequency counter.

I saw one yesterday at Radio Shack for $100.

Jm Youse jimyouse@delphi.com

891. PRO-43 *400* channel mod. Corrected address.

Newsgroup: rec.radio.scanner
Date: 1995-01-21 20:26:30 UTC
From: dalegadd@aol.com
Message-ID: <3frqlm$bch@newsbf02.news.aol.com>
Source record: 262555

A few days ago I posted a message that a friend of mine had successfully modified the PRO-43 to store 400 channels rather that the standard 200 and invited those interested to email him. I have had a couple of people email me that they tried to contact Brett and I apparently misposted his address. I called him last night and he said to use the account he accesses from home. Here is the correct address:
bbb@kuhub.cc.ukans.edu

His name is Brett Bennett. He will be glad to send you the article he posted on the mod several months ago.
Dale Gadd
Dept. of Mass Communication
McNeese State University
Lake Charles, LA 70609-0335

892. Re: Pro-46 DateCode "5A4" Modifiable???

Newsgroup: rec.radio.scanner
Date: 1995-01-21 20:57:07 UTC
From: cyuzik@Direct.CA
Message-ID: <3frsf3$ber@cato.Direct.CA>
Source record: 262560

In article <3fjqou$lkb@explorer.clark.net>, murple@clark.net (Murple) says:

>I got the same thing... with the 5A4 date code sticker... The 2+9+L/Out
>keypad mod worked fine so I can get 66-88Mhz and 869-896Mhz now too... I
>don't know if any other mods work, or how to do them, though I'd be
>interested in eliminating the other gaps...

Can you please explain the "2+9+L/Out keypad mod"? And any others that you may know.

I have a pro-46 with a 8A3, which I have hardware modified. But it still has many gaps that need filling in. :-)

Thanks.

893. Re: Cleveland, Oh. scanner listings

Newsgroup: rec.radio.scanner
Date: 1995-01-21 21:36:42 UTC
From: habu@gate.net
Message-ID: <3frupa$u3a@tequesta.gate.net>
Source record: 262561

johnnyt@wariat.org wrote:

: Anyone know where I can get a list of the scanner frequencies here in
: Cleveland. Thanks

-Log onto the Cleveland Freenet it has an extensive scanner frequency
are.

Mike
-

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

---

894. Re: programs for detection pager where ?

Newsgroup: rec.radio.scanner
Date: 1995-01-21 21:42:46 UTC
From: rlockhart@aol.com
Message-ID: <3frv4m$c4r@newsbf02.news.aol.com>
Source record: 262562

scorpion@mindvox.phantom.com () wrote in part ..

> where I can find the programs (data tap & paging intercept program)

Why do you make this out to be so 'underground'? The alpha page OTA protocols are published animals and there are commercially available packages to decode the messages directly off the air (and have been for quite some time) either on a 'per capcode' or 'total channel' basis. The commercial packages give carriers the ability to maximize channel efficiency, among other troubleshooting aids.

Rob Lockhart, Resource Manager, Interactive Data Systems
Advanced Messaging Systems Division, Paging Products Group Motorola, Inc.

Desktop I'net: lockhart-epag06_rob@email.mot.com
Wireless I'net (<32K chars): rob_lockhart-erl003e@email.mot.com

895. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-21 21:45:21 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2101951642260001@alexander.terranet.com>
Source record: 262558

In article <SPSBEER.62.001BC96E@ins.infonet.net>, SPSBEER@ins.infonet.net (Mike Snyder) wrote:

> I saw an ad in our local paper looking for scanner listeners to call in at
> night to let the paper know about the police and fire scoops that they heard.
> Isn't it illegal to divulge what you heard on your scanner to a third party?
>
> I know the media listens to scanners all the time; are they bending the law or
> is there a loophole for them?

It's not illegal to divulge what you hear on a scanner to a third party. You're confusing that with listening to cordless telephone calls.

In the specific case of police and fire are public agencies: You have the right to listen in all you want and to talk about it all you want to anyone you want. No, the newspaper is not bending any law in any way; no it is not a loophole.

--
Michael Alexander
"Nils Carborundum"

896. Re: Wanted: Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-21 21:49:28 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2101951646340001@alexander.terranet.com>
Source record: 262567

In article <pq7bCuG.jimyouse@delphi.com>, Jim Youse <jimyouse@delphi.com> wrote:

> LWF69 <lwf69@aol.com> writes:
>
> >Wanted to buy: a cheap (but decent) frequency counter.
>
> I saw one yesterday at Radio Shack for $100.
>
> Jm Youse jimyouse@delphi.com

Assuming that you agree that you can buy a cheap but decent frequency counter (which ain't necessarily true), then I would suggest the Optronics 3300. Sells for about $130. Unlike the Rat Shack model, it has a hold button, which is essential. You can modify the Rat Shack with a hold button; there have been some instructions to do that floating around here.

--
Michael Alexander
"Nils Carborundum"

897. cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-21 21:53:24 UTC
From: lou@gary.com
Message-ID: <7733-310605502@gary.com>
Source record: 262559

ID>Is it possible to start a radio station and simply broadcast it over a
ID>cell phone (paying for the time of course)? Obviously this would only
ID>cater to those w/ scanners. Or would you have the gmen at your
ID>doorstep..?

Try getting a license for it. I don't think you will. Will G-Men show
up, you ask? "Probably, leading to most likely". You can install a
"Carrier Current" station, have fun, maybe earn some money and as long
as it's done within the confines of the law, not have to worry about the
Feds.

Lou

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

898. Re: Pro46 Vs. Pro51

Newsgroup: rec.radio.scanner
Date: 1995-01-21 21:53:46 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2101951650520001@alexander.terranet.com>
Source record: 262568

In article <5982@rook.ukc.ac.uk>, dpfg@ukc.ac.uk (Duncan) wrote:

> >the Hyperscan feature, which is quite nice, and is somewhat smaller and
>
>
> IS this Hyperscan just a nice sounding name or does it have a real
> significance of some kind?
>
> The PRO 51 scan at 50 channels per sec and searches at 100 channels per sec. That ain't hyperbole; that's a lot faster than most I've seen.

--
Michael Alexander
"Nils Carborundum"

899. Scout Model 40

Newsgroup: rec.radio.scanner
Date: 1995-01-21 22:59:25 UTC
From: wa1omm@aol.com
Message-ID: <3fs3kd$cvr@newsbf02.news.aol.com>
Source record: 262571

Just a note regarding my new Scout ...

I purchased a Scout Model 40 from Amateur Electronic Supply. The unit arrived with an AC90 9v 500ma charger/adapter, an 8 1/2" x 11" manual containing 12 pages of user information and a two page quick reference guide (last page of the manual), a belt clip (apparently permanently attached to the rear of the Scout), a 3.5" floppy containing a program called SCOUT.EXE that allows downloading captured frequencies from the Scout to a DOS text file, and a short stubby antenna. The latter was contained in the Opto packaging, so I assume it is standard with the Model 40 now.

Taking the unit out of the protective packaging, I was immediately impressed with the rugged design and solid feel. The unit appears to have been designed to absorb some abuse.

First thing I did was attach the antenna and plug the unit into the charger. After about 90 minutes, the CHG STATUS led began blinking indicating that the charge was complete (nice feature).

After taking a quick glimpse at the manual and familiarizing myself with the boot configurations, I sampled a few of my transmitters to verify that the calibration of the counter was accurate (and it was). As several folks have already done in the forum, I booted the the Scout in vibrator mode, stuck it in my shirt pocket and headed down to the local mall to check out the activity. If you've never used a vibrating pager or Scout in your shirt pocket before, I suggest experimenting in private. The first "hit" gave me quite a startle!

A brisk walk through the mall produced all sorts of activity near the entrances to various stores, particularly the larger ones. I had several hits in the 902 MHz and 903 MHz ranges. On the way home a couple of cell phones produced some hits in the 835 MHz range, as well as a fairly powerful paging system on 454.177 MHz. The Scout seems to perform as advertised even with the little stubby antenna.

Prior to powering off, I put the Scout into SLEEP mode to save the data before turning off the unit. I also discovered later that when the batteries are about to die, the unit automatically goes into SLEEP mode. When the latter occurs, a small dead-battery icon appears in the display.

I also verified that the Scout does indeed control the frequency of a CI-V device such as the Icom IC-R7000. It worked just ducky. I also tried the SCOUT.EXE DOS program supplied with the Scout. Unfortunately, the software would not communicate with the Scout when run from a DOS

window in Microsoft Windows. I could only get the program to communicate with the Scout by running it under DOS.

Overall, I am pleased with the unit and expect to get a lot of use out of it.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

900. Re: AR8000 Computer shortcut

Newsgroup: rec.radio.scanner
Date: 1995-01-21 23:10:38 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-2101951510380001@rsg-av.com>
Source record: 262629

In article <3fklp2$9mm@nntp.crl.com>, Victor Healey Ki4je
<vhealey@crl.com> wrote:

> Maybe you already noticed this but today I realized
> that to get a dump of all data in a term program by banks
> MAA
(stuff deleted)
> MAj
> just cut and paste that to the scanner and capture all the responses.
> Previously I did MRA00 etc to loacted a bank then MA to get data.
> Not needed. You can cut and paste the whole column in one shot
> the scanner will handle each query in turn properly.

Check out the AR8000 Home page it has a few paste programs like this (like
one to clear all channels). I don't have the URL handy but I am sure you
have seen it.

--
Michael Ayotte michael.ayotte@rsg-av.com MIME mail Accepted
michael.ayotte@netcom.com woodstoc@netcom.com
Riverview Systems Group San Jose Hilton & Towers
WWW Page at: ftp://ftp.netcom.com/pub/woodstoc/sanjose.hilton.html
Don't blame them for my behavior

901. ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-21 23:31:43 UTC
From: dbf4@aol.com
Message-ID: <3fs5gv$d9r@newsbf02.news.aol.com>
Source record: 262566

My 8000 doesn't even begin to compare to my pro-43 on low band reception.
Cordless phones and CHP thunder in on 43 but are non existing on the 8000.
Does anyone else have theese comparison results or is it my particular
unit?
Thanks

902. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-21 23:43:30 UTC
From: dcomer@mack.rt66.com
Message-ID: <3fs672$pqm@mack.rt66.com>
Source record: 262631

domonkos (domonkos@access.digex.net) wrote:
: : opp@netcom.com
: > Have asked a couple of times for them to send me more info when they
: > first advertised the mod. Till date not a word from them ? Whats
: > happenening?Didnt think think it would be possible for a PRO43 to do as
: > they claim?

I received a response from "them". Here it is...

"Hi,
The cost of the mode will be about $50-$80 dollars. Can't really give many
details right now because we're trying to sell the mod. ya know. It does
work and may even work on other radios as well.
Thanks for your interest.
Andrej"

I sure as hell wouldn't send my radio off to a fly-by night response like
that!

903. Pro 2006 new user

Newsgroup: rec.radio.scanner
Date: 1995-01-22 00:30:09 UTC
From: ziontrain <ziontrain@onelove.demon.co.uk>
Message-ID: <D2s6q9.E3z@demon.co.uk>
Source record: 262635

frequencies and general contact wanted

904. Re: WWWeb scanner address list

Newsgroup: rec.radio.scanner
Date: 1995-01-22 00:35:30 UTC
From: jdnails@best.com
Message-ID: <3fs9f5$5gr@news1.best.com>
Source record: 262634

mcouture@asterix.drev.dnd.ca (Michel Couture) wrote:
>A few weeks ago I saw an interesting list of http: address of WWW
>for scanners related home page but I lost this article
>Could you please repost it
> Thank you
>
From: vhealey@crl.com (Victor Healey)
Newsgroups: rec.radio.scanner
Subject: URLS to Radio Resources on the Internet
Date: Sun, 8 Jan 1995 17:46:35 GMT
Organization: Organization -Who is organized?
Lines: 135
Message-ID: <vhealey.166.2F1024FB@crl.com>
NNTP-Posting-Host: crl4.crl.com
Summary: A NETSCAPE FRIENDLY POST.
Keywords: scanner, shortwave, radio
X-Newsreader: Trumpet for Windows [Version 1.0 Rev A]

Radio Sources on the Internet

Please send updates and corrections to:
mailto:miller@ccm.ut.intel.com<Brett Miller>

World Wide Web URLS
---
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggins

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

FTP URLS
----
ftp://ftp.cdrom.com/pub/hamradio/
ftp://oak.oakland.edu/pub/hamradio
ftp://ham.eetech.mcgill.ca/pub/ham-radio
ftp://bubba.business.uwo.ca/mods
ftp://garfield.catt.ncsu.edu/pub/hamradio
ftp.sunet.se/pub/radio
ftp://ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
ftp://mgate.arrl.org ARRL FTP site
ftp://ftp.cs.buffalo.edu/pub/ham-radio
ftp://ucsd.edu/hamradio
ftp://unbc.edu/ampr
ftp://tandem.com/hamradio
ftp://nic.funet.fi/pub/ham
ftp://ftp.demon.co.uk/pub/ham/mac - MAC stuff
ftp://grivel.une.edu.au/ham-radio
ftp://rtfm.mit.edu/pub/usenet/news.answers/ham-radio - Radio FAQs
ftp://ftp.qrz.com/qrz - QRZ CD-ROM files (no callsign database)
ftp://archive.afit.af.mil/pub/space/amateur.tle - Keplerian Elements
ftp://ftp.crl.com/user/ro/vhealey/www (use WWW viewer for HTML docs)

E-Mail servers URLS
----
mailto:ftpmail@exchange.tlh.fl.us - get INDEX.TXT
mailto:qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
mailto:callbook@n8emr.cmhnet.org - Callsign server
mailto:wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mailto:mail-server@rtfm.mit.edu - put help in the message body

Gopher URLS
----
gopher://gopher.switch.ch/11/misc/faq/faq-dir FAQs
gopher://hamster.business.uwo.ca (129.100.89.100)
gopher://gopher.cic.net/11/e-serials/general/radio
gopher://scitsc.wlv.ac.uk/11/pub/hamradio
gopher://yfn.ysu.edu/11/public/sigs/ham
gopher://gopher.fcc.gov

USENET URLS
----
news:alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
news:alt.cellular - (I've never seen any cellular related traffic yet)
news:alt.radio.pirate - Pirate radio station topics
news:rec.antiques.radio+phono - Antique radio & phono topics
news:rec.radio.amateur.antenna - Antenna related topics
news:rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
news:rec.radio.amateur.misc - Main newsgroup for Ham radio topics
news:rec.radio.amateur.digital.misc - Digital communications (including Packet)

news:rec.radio.amateur.homebrew - Make your own radio equipment
news:rec.radio.amateur.packet - (not used any more?)
news:rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
news:rec.radio.amateur.space - Ham radio & space communications
news:rec.radio.broadcasting - AM & FM broadcasting
news:rec.radio.scanner - Monitoring above 30 MHz
news:rec.radio.shortwave - Monitoring below 30 MHz
news:rec.radio.swap - radio related sales & swap topics
news:rec.radio.cb - Citizens Band Radio topics
news:rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)

Brett Miller N7OLQ mailto:miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

Jack D'Orazi
UNION Carpenters, Building America

Internet---> jdnails@best.com
CompuServe-> 75104.1721@compuserve.com NRA Member

ftp://ftp.best.com/pub/jdnails Freedom\\Not Free any more,
[Freedom First Safety Later] you need to buy it now.

905. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-22 01:03:23 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3fsasr$6fk$2@mhade.production.compuserve.com>
Source record: 262570

Nope..

JUST TRY and license that with the FCC... I guess the only way would be to have people call a number (on there airtime paying cell phone) and have an "automatic" hold like all these rest of these gomers...

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

906. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-22 01:04:43 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3fsavb$6fk$3@mhade.production.compuserve.com>
Source record: 262572

Greg,
Not all THAT expensive if you know where to buy them...

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

907. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-22 01:05:50 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3fsb1e$6fk$4@mhade.production.compuserve.com>
Source record: 262573

Tom,
Basically what I use mine for... A high dollar scanner...
CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

908. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-22 01:08:23 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3fsb67$6fk$5@mhade.production.compuserve.com>
Source record: 262574

Vic,
Keep in mind... these can still be bought new (Although I
wouldn't pay THAT price.) They are selling in the used market for
$650 to $1000. depneding on the model and features..

NEW??? $3178 for a Saber III Retail :(

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

909. Re: trunking??

Newsgroup: rec.radio.scanner
Date: 1995-01-22 01:12:18 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3fsbdi$6fk$6@mhade.production.compuserve.com>
Source record: 262625

Well,

What you want ot know??/ Each system works differnet, has
different ID's, Talkgroups, fleets, subfleets?????
ALL systems have a 4 digit ID such as 1K2S
THEN each company or Dept. has a talkgroup or fleet such as 0074
or 014F

Afterthat???

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

910. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-22 01:16:29 UTC
From: jcherepy@mindspring.com
Message-ID: <jcherepy.228.024863E6@mindspring.com>
Source record: 262630

>In article <3fkjqg$r4h@ixnews3.ix.netcom.com> Phobus@ix.netcom.com (Brian
>Barrett) writes:

>>Any one know how traffic copters transmit to radio stations. I would
>>like to see if one can monitor these conversations while they are "off
>>the air"(so to speak). Are these transmissions monitorable and if so,
>>what freq should I try?

In Atlanta the 2 competing traffic info providers are in the 450 Mhz range.
Metro Traffic Control uses 450.3875 Mhz. BTW all the local TV news operations
are in the same frequency range here also.

Bill Cherepy Grayson, GA
jcherepy@mindspring.com

911. ICOM R1 battery help

Newsgroup: rec.radio.scanner
Date: 1995-01-22 01:34:56 UTC
From: alee@crl.com
Message-ID: <3fsco0$ipk@crl4.crl.com>
Source record: 262626

The internal battery in my ICOM R1 just went dead. I opened up the unit and there appears to be a simple battery pack inside (6 batteries in a battery pack). What is the voltage output of the internal battery pack, and can I use cordless phone packs from Radio Shack to replace it?

Also, if anyone has a base cover to the R1 (I use an extended pack battery and lost the original bottom plate to the R1), I would buy it from you for $20.

All responses to alee@crl.com

Al

912. HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 02:12:20 UTC
From: rsharp@paul.spu.edu
Message-ID: <3fseu4$7v0@adam.spu.edu>
Source record: 262633

I am considering getting a HAM license (no code) and have no knowledge about ham's other than a bit of conversation with an operator. WHere should I post for dialogue or is there someone out there that would mind some basic question?

Thanks.

913. Re: Scanner Freq.'s in Kitsap County Washington???

Newsgroup: rec.radio.scanner
Date: 1995-01-22 02:18:53 UTC
From: lambrose@csc.com
Message-ID: <3fsfad$ddd@explorer.csc.com>
Source record: 262628

SaffronDay (saffronday@aol.com) wrote:
: I'm looking for some police frequency's and anything else interesting in
: Kistap County Washington, anyone have any help for me?
^^
Why do the letters always get in the wrong place?

158.88 Sheriff
154.37 Fire & Amb.

Kitsap County Paramedics
155.28 F-1
155.34 F-2

Bremerton Police
155.775 F-1
158.88 F-2 (County freq.)
155.895 F-3

Bremerton fire
154.145 F-1 city
154.37 F-2 county

Port Orchard Police
155.88 F-1 (looks like county again)
155.94 F-2

Port Orchard fire is county.

Gorst ?
Belfair ?

914. Homebuilt Scanners ?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 03:25:56 UTC
From: sarangan@maxwell.uwaterloo.ca
Message-ID: <D2sEv8.Kr4@watserv2.uwaterloo.ca>
Source record: 262639
Cross-posted to: rec.radio.scanner,sci.electronics

Has anyone built a scanner from scratch ? If so, how difficult is it ?
Is it a worthwhile attempt ?

Thanks

--
Andrew Sarangan
sarangan@maxwell.uwaterloo.ca

915. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-22 03:46:55 UTC
From: jeevan@coho.halcyon.com
Message-ID: <3fskff$a1n@news.halcyon.com>
Source record: 262640

Brian Barrett (Phobus@ix.netcom.com) wrote:
: Any one know how traffic copters transmit to radio stations. I would
: like to see if one can monitor these conversations while they are "off
: the air"(so to speak). Are these transmissions monitorable and if so,
: what freq should I try?

The January Monitoring Times lists these frequencies for remote broadcast:

25.6 - 26.2 MHz
161.640 MHz
161.670 MHz
161.700 MHz
161.730 MHz
161.760 MHz
161.790 MHz
170.150 MHz
All from 450-452 MHz and from 455-456 MHz.

: Also, I have noticed that many fast food places have drive thru order
: takers that wear cordless headsets. Don't know how interesting it would
: be to listen to but does anyone know the freq of these as well?

: -- Brian

Here's a repost of some fast food frequencies.

From: g9153402@huey.csun.edu (Berton Corson)

<snip>

Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775

916. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-22 04:22:38 UTC
From: jdnails@best.com
Message-ID: <3fsmou$7fu@news1.best.com>
Source record: 262636

dbf4@aol.com (DBF4) wrote:
>My 8000 doesn't even begin to compare to my pro-43 on low band reception.
>Cordless phones and CHP thunder in on 43 but are non existing on the 8000.
>Does anyone else have theese comparison results or is it my particular
>unit?
>Thanks
I too had trouble with the lo band untill i swiched antennas now i get 'em clear as a bell
the OEM antenna that you get with the ar8000 really sucks if you have not replaced it try
switching it with the one on your pro-43? (if it's a portable) i can't remember pro ??
from pro-?? any more it's been along time since i've done rat shack :-))

Hope it helps ya out.

Jack D'Orazi
UNION Carpenters, Building America

Internet---> jdnails@best.com
CompuServe-> 75104.1721@compuserve.com NRA Member

ftp://ftp.best.com/pub/jdnails Freedom\\Not Free any more,
[Freedom First Safety Later] you need to buy it now.

917. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-22 04:26:21 UTC
From: jdnails@best.com
Message-ID: <3fsn00$7fu@news1.best.com>
Source record: 262638

michael@alexander.terranet.com (Michael Alexander) wrote:
>In article <SPSBEER.62.001BC96E@ins.infonet.net>, SPSBEER@ins.infonet.net (Mike Snyder) wrote:
>
>> I saw an ad in our local paper looking for scanner listeners to call in at
>> night to let the paper know about the police and fire scoops that they heard.
>> Isn't it illegal to divulge what you heard on your scanner to a third party?
>>
>> I know the media listens to scanners all the time; are they bending the law or
>> is there a loophole for them?
>
>It's not illegal to divulge what you hear on a scanner to a third party. You're confusing that with listening to cordless telephone calls.
>
>In the specific case of police and fire are public agencies: You have the right to listen in all you want and to talk about it all you want to anyone you want. No, the newspaper is not bending any law in any way; no it is not a loophole.
>
>--
>Michael Alexander
>"Nils Carborundum"

I was under the impression that if you prophet from any information gained from listening from a scanner you were in violation of the law. Since the media uses the information gained
to make a buck are they not in violation?

Jack D'Orazi
UNION Carpenters, Building America

Internet---> jdnails@best.com
CompuServe-> 75104.1721@compuserve.com NRA Member

ftp://ftp.best.com/pub/jdnails Freedom\\Not Free any more,
[Freedom First Safety Later] you need to buy it now.

918. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-22 05:15:57 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD2sJyL.CJu@netcom.com>
Source record: 262641

DBF4 (dbf4@aol.com) wrote:
: My 8000 doesn't even begin to compare to my pro-43 on low band reception.
: Cordless phones and CHP thunder in on 43 but are non existing on the 8000.
: Does anyone else have theese comparison results or is it my particular
: unit?
: Thanks
I get very good reception on the low band with my AR8000.Also the Rubber
Duck on the AR8000 is NOT VERY GOOD period. Even the rubber duck on the
PRO43 works better to my understanding.The duck on the 8000 is mediocre.I
can use the radio Shack telescoping antenna with little INTERMOD. I
couldnt before when I had a AR15000. :-)

Then again I cant afford to have both scanners and compare but I do have
a PRO2006.

919. Re: Wanted: Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-22 05:53:07 UTC
From: bbbjamin@aol.com
Message-ID: <3fsrs3$h09@newsbf02.news.aol.com>
Source record: 262655

I have a 3000 great counter ...!?!? Interested ?!?!?

BBJAMIN@aol.com

920. ScanNet News

Newsgroup: rec.radio.scanner
Date: 1995-01-22 06:13:13 UTC
From: YPSE19A@prodigy.com
Message-ID: <3fst1p$770@usenetw1.news.prodigy.com>
Source record: 262642

Please E-mail me all scanner related stories. Your best experiances with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area, Worst Fires, Accidents, your favorate frequency , I will reconize your writtings in a Newsletter called SCANNET NEWS. Anyone sending me stories can have a copy of the Newsletter.

ScanNet News is a FREE Newsletter. you only pay for postage.
Post your swap & shop, favorate Amateur Radio/Scanner BBS #'s,
Post Your favorate Net (Frequency, Location, Day's & times the net is on)
Post your local Packet Stations, Computer software (ie: Logging programs, BBS/Packet Programs), Radio Hardware,ect.
Your Stories and Postings make ScanNet News possable.
Keep the stories coming.
Anyone interested please e-mail me your stories.
Send Hard copy Articles to the address below.
For a copy of the next issue please send a stamp to the address below or

for a years Subscribtion please send $4.00 to the address below.
For prices on Business Advertising----(Amatuer Radio ,Short Wave Radio, Scanning Related only) e-mail or write to the address below.
Payable by Check, M.O., or Bank Checks

Scannet News
C/O
Nicholas Messina
80 Livingston Ave
White Plains, NY 10605
-
-
NICK in NY YPSE19A@prodigy.com

921. ar8000 PLL-ERROR problem

Newsgroup: rec.radio.scanner
Date: 1995-01-22 06:23:48 UTC
From: bbjamin@aol.com
Message-ID: <3fstlk$hc7@newsbf02.news.aol.com>
Source record: 262643

ar8000 PLL-ERROR problem
Has any AR-8000 users experienced a high rate of "PLL-ERROR"'s even after changing the time constant to 40ms, I still experience a high rate of PLL-ERROR . I think it might have something to do with the cool air, any Ideas?!?!?

Also... when receiving an 800Mhz freq. the incoming voice sounds broken (even know it is a strong signal), however, once I manually open the squelch, the voice sounds great! what's the deal!? It almost sound like the squelch can not decide to open or not!

Thanks

922. MOTOROLA SABER III RADIO

Newsgroup: rec.radio.scanner
Date: 1995-01-22 06:28:18 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3fstu2$9g3@hal9000.apana.org.au>
Source record: 262661
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any info on the MOTOROLA SABER III radio?

It is used widely where I live and am interested in finding out more about it. How long does battery last? What freq range does it cover? etc etc etc

Thanks matthew@hal9000.apana.org.au

PS Im only after this info for my own interest.

923. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-22 06:31:04 UTC
From: opp@netcom.com
Message-ID: <oppD2snFt.I7G@netcom.com>
Source record: 262645

```
: Odd. It must have to do with your location. Or u have a defective
: radio. Possibly it needs to be recalibrated...steps are off and you dont
: know it or your mode isnt set correctly. Mine booms.DBF4 (dbf4@aol.com)
: wrote:
: My 8000 doesn't even begin to compare to my pro-43 on low band reception.
: Cordless phones and CHP thunder in on 43 but are non existing on the 8000.
: Does anyone else have theese comparison results or is it my particular
: unit?
: Thanks
--
opp@netcom.com
```

924. Re: ICOM R1 battery help

Newsgroup: rec.radio.scanner
Date: 1995-01-22 06:32:48 UTC
From: opp@netcom.com
Message-ID: <oppD2snIo.IBE@netcom.com>
Source record: 262646

```
: Also, if anyone has a base cover to the R1 (I use an extended pack battery
: and lost the original bottom plate to the R1), I would buy it from you for
: $20.

: All responses to alee@crl.com

: Al

--
opp@netcom.com
```

925. Re: California code books

Newsgroup: rec.radio.scanner
Date: 1995-01-22 07:00:43 UTC
From: dbarton@moe.cc.emory.edu
Message-ID: <3fsvqr$fcv@moe.cc.emory.edu>
Source record: 262647

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
:For those in California who are interested in knowing what violations are
:being listed over the air, here is some good info. These books are sorted by
:section number, so when you hear "wanted for 187, 459, etc..." you can
:look up what the violations are.

: There is a company called LAWTECH publishing that makes very affordable
: reference books. Their latest mailing has:

: 1995 Vehicle Code (abridged) $13.95
: (same size as Penal Code)

Not to impugn either Brett or this company, but this is not only a rip-off but it is inaccurate. The 1995 Vehicle Code won't be published by the State until March at the earliest since it will include all of the laws passed in 1994. What the company may mean is that this is their most recent (95) edition. As for the price, the last time I bought a Vehicle Code from the DMV it was only $5 and that was only a few years ago. Noone should have trouble understanding the Vehicle Code without interpretation (although most of it is *deadly* boring) and as a handy bonus it includes a handy guide to the "popular" sections of the Penal Code, Business and Professions Code, and other things that police officers are likely to refer to on the air. The CVC should be available from any local DMV office, but I suggest calling first since they might be out (they know you're coming).

Good Luck,

Doug

: Their nuber is 1-800-498-0911

: LawTech publising Co., LTD.
: 31921 Camino Capistrano #152
: San Juan Capistrano, CA 92675

--
I would rather be a foolish optimist than a correct pessimist.

926. FOR SALE PRO-51 WITH FULL CELL. COVERAGE

Newsgroup: rec.radio.scanner
Date: 1995-01-22 07:01:37 UTC
From: phayden@cris.com
Message-ID: <3fsvsh$rm3@deathstar.cris.com>
Source record: 262649

HAVE PRO-51 WITH ALL MODS FOR FULL CELL COVERAGE

SO IF YOUR READY FOR CELL. LISTENING LEAVE EMAIL

927. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-22 07:04:59 UTC
From: jdnails@best.com
Message-ID: <3ft09c$8v7@news1.best.com>
Source record: 262644

SPSBEER@ins.infonet.net (Mike Snyder) wrote:
>I saw an ad in our local paper looking for scanner listeners to call in at
>night to let the paper know about the police and fire scoops that they heard.
>Isn't it illegal to divulge what you heard on your scanner to a third party?
>
>I know the media listens to scanners all the time; are they bending the law or
>is there a loophole for them?
>
>TIA,
> << Mike Snyder spsbeer@ins.infonet.net >>
> << S.P.S. Beer Stuff, Homebrew Supplies by Mail (319) 393-1219 >>
> << on-line catalog--> http://www.infonet.net/showcase/spsbeer/ >>

Regarding radio transmissions that, you here it is against the Federal Law to:

<<Reveal to_ any_ other person, not a party in the transmissions, the
contents of those transmissions.
(in other words keep it to yourself)

<< use any information heard in committing a crime.

<< Use any information for personal gain.

It is also a crime to_intentionally_intercept the
following types of transmissions:

<< Remote radio-TV broadcast pickups.

<< Scrambled, encrypted or coded transmissions.

<< Mobile telephone conversations of any type.
(I believe this has been updated to include cordless phones too.)

The above wz taken from 1994 Rat shack Police call scanner
listeners section. Though I would not take the info as gospel though
I do believe it does have merit to it.

This is not legal advice in any way, but I've keep it in mind when
repeating certain info.

PS not looking for flames, but i do have an auto kill file :-))

Jack D'Orazi
UNION Carpenters, Building America

Internet---> jdnails@best.com
CompuServe-> 75104.1721@compuserve.com NRA Member

ftp://ftp.best.com/pub/jdnails Freedom\\Not Free any more,
[Freedom First Safety Later] you need to buy it now.

928. Re: HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 07:10:09 UTC
From: dbarton@moe.cc.emory.edu
Message-ID: <3ft0ch$fcv@moe.cc.emory.edu>
Source record: 262648

Nice Guy Ron (rsharp@paul.spu.edu) wrote:
: I am considering getting a HAM license (no code) and have no knowledge
: about ham's other than a bit of conversation with an operator. WHere
: should I post for dialogue or is there someone out there that would mind
: some basic question?

For those who are interested in such things, there is a whole hierarchy dedicated to amateur radio. Look under rec.radio.amateur.* A post like yours looking for general info would probably go best in .misc.

I decided to post this instead of replying by mail because I have seen several "ham" questions here in the last few weeks. I will also confess to a bit of proseletyzing since scanning was my introduction to the wonderful world of amateur radio. I am still new to the sport, but thoroughly enjoy it. It's a fascinating transition to go from being a listener to the action, to being a part of it! I would encourage anyone who is even a little interested to go for it. You would be amazed how easy it is...

[commercial mode off]

Good Luck,

Doug

--
I would rather be a foolish optimist than a correct pessimist.

929. How popular is the 800Mhz band?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 07:48:39 UTC
From: mundahl@plains.NoDak.edu
Message-ID: <D2sr13.pBG@ns1.nodak.edu>
Source record: 262650

I am looking around a little bit for a scanner, and I am wondering if I should spend the little bit more for the 800Mhz band. How popular is it, and are many organizations starting to use it?

Mike R. Mundahl

mundahl@badlands.NoDak.edu
or
mundahl@plains.NoDak.edu

930. MD frequency request

Newsgroup: rec.radio.scanner
Date: 1995-01-22 08:19:32 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3ft4ek$qec@mojo.eng.umd.edu>
Source record: 262654

[No readable article body recovered]

931. HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 08:31:16 UTC
From: lou@gary.com
Message-ID: <773471446301@gary.com>
Source record: 262651

IR>I am considering getting a HAM license (no code) and have no knowledge
IR>about ham's other than a bit of conversation with an operator. WHere
IR>should I post for dialogue or is there someone out there that would mind
IR>some basic question?

IR>Thanks.

Fire away with your questions. I hold an Amateur Extra Class/ General
RadioTelephone License and am an Examiner for both forms of tests.
Those forms being the Amateur Radio and Commercial licenses.
Just what is it you'd like to know? I'll do my best to try to help you
to understand this hobby, more.
You can also E-Mail me privately if you wish. Either way, I'll respond
back.

Lou

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

932. Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-22 08:31:17 UTC
From: lou@gary.com
Message-ID: <773471442902@gary.com>
Source record: 262652

Is there any mods for the following:

Realistic Models:

Pro 2011
Pro 2028
Pro 42

Any info would be grteatly appreciated.

Also, need Schematic or other service data for the following:

Bearcat U2

Bearcat IV

All help very appreciated.

Thanks

Lou
Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

933. Re: Federal Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-01-22 08:43:07 UTC
From: bobbuteo@delphi.com
Message-ID: <5U6aaEL.bobbuteo@delphi.com>
Source record: 262653

Joe.....Do you have any documentation on the legality of mobile scanners in Kentucky for Hams?!?!?!?!?!?
I remember an ARRL bulletin that stated that they were the last state to come aboard the new concept, and when I inquired of them for the info, they sent me info about the legality of our ham equipt. receiving the public service b'casts, but nothing about scanners!!!!!!!!!!
I have a vested interest in your reply..... A couple of years ago, before I became a ham, I had a BC760XLT confiscated at a Truck Weigh/Inspection Station.....I drive trucks and play with radios for a living!!!.....Anyway, it was confiscated without a property receipt or any form of due process. I now drive almost exclusively from Ks to L.A. and don't have any
problems at all ...even in The Peoples Republic Of California....!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
BUT----- I'll be taking a load thru Ky this Tuesday, and I'm PARANOID of losing my seven scanners to the long and myopic arm of the law!!! So, any documentation or other info you can pass on will be GREATLY appreciated!!!!!!!!! I'll check for a posting here or at my E-Mail address listed above.
73's, and thanx...
Bob N0ZBK

934. PRO-37 Keypad Beep Mod

Newsgroup: rec.radio.scanner
Date: 1995-01-22 10:55:56 UTC
From: plymale@mousetrap.es.vt.edu
Message-ID: <3ftdjs$cf3@solaris.cc.vt.edu>
Source record: 262656

Is there a mod for the Realistic PRO-37 that eliminates
the keypad beep?

Thanks ... Bill

--

William O. Plymale plymale@mousetrap.es.vt.edu 703-231-9530
Virginia Tech Information Systems KD4CIY

935. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-22 13:15:17 UTC
From: wa1omm@aol.com
Message-ID: <3ftlp5$j59@newsbf02.news.aol.com>
Source record: 262657

Are you making the comparisons using the same antenna? The PRO-43 duckie
is a far better performer than the AOR duckie that comes with the 8000.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

936. Re: ar8000 PLL-ERROR

Newsgroup: rec.radio.scanner
Date: 1995-01-22 13:27:28 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3ftmg0$egm@nntp.crl.com>
Source record: 262658

bbjamin@aol.com (BBJAMIN) wrote:
>
> ar8000 PLL-ERROR problem
> Has any AR-8000 users experienced a high rate of "PLL-ERROR"'s even after
> changing the time constant to 40ms, I still experience a high rate of
> PLL-ERROR . I think it might have something to do with the cool air, any
> Ideas?!?!?

Since others indicate that this is associated with low batteries
has it occured to you that if you are using akaline batteries
that they may be low voltage due to cold. I am not sure if nicads
are also adversely affected by chill.

Try using a set of fresh batteries.

937. Alpha programming the BC8500

Newsgroup: rec.radio.scanner
Date: 1995-01-22 13:57:53 UTC
From: mpage@netcom.com
Message-ID: <mpageD2t84H.IAC@netcom.com>
Source record: 262660

When you make a mistake while programming in an alphanumeric screen on the BC8500, is there any fast way to make a correction? The only way I have found, so far, is to get out of prog and start over on that entry. No correction or arrow keys.

I have also found that I can program in an entire freq, alpha & squelch code (and all have been saved), but the radio will loose it. I have to go back and do it again.

--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

938. A good SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-01-22 14:14:52 UTC
From: stuart@snmere.demon.co.uk
Message-ID: <790784092snz@snmere.demon.co.uk>
Source record: 262662

HELLO

A good base scanner is a Realistic Pro-2004.

If you want more information please Email me.

Email: stuart@snmere.demon.co.uk.

Thanks
Stuart
--
stuart n meredith

939. Re: AR8000 Computer shortcut

Newsgroup: rec.radio.scanner
Date: 1995-01-22 14:19:46 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3ftpi2$4k@sparc.occ.uky.edu>
Source record: 262659

Victor Healey Ki4je (vhealey@crl.com) wrote:
: Maybe you already noticed this but today I realized
: that to get a dump of all data in a term program by banks
: MAA
(stuff deleted . . .)
: just cut and paste that to the scanner and capture all the responses.
: Previously I did MRA00 etc to loacted a bank then MA to get data.
: Not needed. You can cut and paste the whole column in one shot
: the scanner will handle each query in turn properly.

Sounds great, but don't you have to clean up the resulting data file
still? (I mean to remove the "MAx" stuff and the AR8000's output from
empty banks).

It seems like we should be able to trick the radio to do a "clone" dump.
This would be perfect for a "backup" of the radio.
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

940. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-22 14:57:52 UTC
From: dfleming@earth.execpc.com
Message-ID: <3ftrpg$17b@homer.alpha.net>
Source record: 262663

DBF4 (dbf4@aol.com) wrote:
: My 8000 doesn't even begin to compare to my pro-43 on low band reception.
: Cordless phones and CHP thunder in on 43 but are non existing on the 8000.
: Does anyone else have theese comparison results or is it my particular
: unit?
: Thanks
Dump the rubber antenna and get (if you want to...;) the rubber ant. that
Grove sells or get the Radio Shk. telescoping antennae. The Radio Shack does
work very well and is only 9.95. If you want cordless freq. you should
collapse the last two sections. Using the signal meter on the 8000 you can
see a great improvement.
The antenna seems to be about the only weak link of the 8000.

941. Re: Motorola MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-22 15:09:06 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3ftsei$nq3$1@mhadg.production.compuserve.com>
Source record: 262664

Claude,
It is 900 Mhz Trunking... Depending on what model you have it
will do from 4 systems up to 10 systems. Yours have a full keypad?

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

942. Extra battery for BC 200 XLT?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 15:10:54 UTC
From: BRETT@GC.NET
Message-ID: <3ftshu$hru@global.gc.net>
Source record: 262486

Hello all,

I received a small Bearcat scanner for Christmas and I'd like to get another battery pack for
it. Does anyone know where I can purchase such a thing?
Since the unit *always* has to have the battery in it to function (even when it's plugged into
the wall) I figure I better get a spare.

Brett
N4CJL

943. Wanted- LA & Sand Diego Co. Freqs. Please

Newsgroup: rec.radio.scanner
Date: 1995-01-22 15:32:48 UTC
From: mbsokol@winternet.com
Message-ID: <mbsokol-2201950932480001@host-87.dialup.winternet.com>
Source record: 262665

I will be travelling in the LA and San Diego County areas in the near future and would like a listing of any local and county-wide scanner freqs. that are availabe for posting. Thanks in advance. Mike.

944. Wanted- LA & Sand Diego Co. Freqs. Please

Newsgroup: rec.radio.scanner
Date: 1995-01-22 15:44:11 UTC
From: mbsokol@winternet.com
Message-ID: <mbsokol-2201950944110001@host-80.dialup.winternet.com>
Source record: 262666

I will be travelling in the LA and San Diego County areas in the near future and would like a listing of any local and county-wide scanner freqs. that are availabe for posting. Thanks in advance. Mike.

945. Re: How to clone a cell phone so 2 have same number

Newsgroup: rec.radio.scanner
Date: 1995-01-22 15:48:11 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-2201951048120001@198.69.103.26>
Source record: 262667

In article
<Pine.SGI.3.90.950121023728.11436C-100000-100000@umbc8.umbc.edu>,
pacholczyk gregory <gpacho1@gl.umbc.edu> wrote:

> I've got the software and manual to do it if your interested. Contrary
> to any myths, it is perfectly legal to clone your own cell phone. it's
> so simple a 5 year old child could do it in less than 15 min..

Could someone repost these instructions?

P.S. Have a nice day.
--
Remember: If you have to ask, you don't want to know why.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

946. Could someone check "Beyond Police Call" for Vermont Ski pls?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 15:52:17 UTC
From: jazzbo@eliza.netaxis.com
Message-ID: <jazzbo-2201951052170001@198.69.103.26>
Source record: 262668
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Could someone that has "Beyond Police Call" with coverage for Vermont ski areas please tell me the freq's for anything in the Mount Snow area?
Thank you very much.

-Dave

P.S. Have a nice day.
--
Remember: If you have to ask, you don't want to know why.

-Dave Hamilton (jazzbo@eliza.netaxis.com)

947. Re: AR8000 antenna.

Newsgroup: rec.radio.scanner
Date: 1995-01-22 16:21:18 UTC
From: jpotts@crl.com
Message-ID: <3fu0lu$kr2@nntp.crl.com>
Source record: 262669

Dan Fleming (dfleming@earth.execpc.com) wrote:
: I just purchased the Radio Shack telescoping antenna (center loaded for 9.99)
: and it seems to perform much better than the rubber antenna that came with
: the unit. Anyone tried this and found this to be true?
: Also, the imitation leather (vinyl?) case that I purchased from
: Javiation is real nice with see thru plastic windows on front and side
: and it seems to be padded for extra radio protection. Price id 17 pds.
: Sterling. (about 25 bucks? I think)

I have tested several rubber duck antennas using the AR8000 and AR3000A and
have found that a 800MHz cellular antenna out performs the 200xlt, pro43,larson
2mtr, icom 2mtr, Diamond 2mtr and austin condor antenna on all bands. I don't
know the manufactures name because I bought it some yrs ag (it is not a RS
antenna, I am thinking of purchasing it to try it out too). It is not much better than the
Diamond or the condor on all bands. It is better than the diamond
and the condor on UHF and 800MHz and about the same on VHV lo and VHF hi.

I hope this helps

John Potts, kb6wgl

jpotts@crl.com

948. Re: WWWeb scanner address list

Newsgroup: rec.radio.scanner
Date: 1995-01-22 16:22:05 UTC
From: you@somehost.somedomain
Message-ID: <3fu0nd$4t0@maple.enet.net>
Source record: 262670

In article <3frcn4$7ak@asterix.drev.dnd.ca>, mcouture@asterix.drev.dnd.ca (Michel Couture) says:
>
>A few weeks ago I saw an interesting list of http: address of WWW
>
You might find the following WWW path interesting:

http://rever.nmsu.edu/~weasel/scanner/generalfrqs/general.html

Charlie (AA7NQ)

949. Another review of at AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-22 16:50:17 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3fu2c9$cq2@mojo.eng.umd.edu>
Source record: 262673

For those of you who are interested and don't already know, there's yet another review of the AR8000 in the current (january) issue of Popular Communications. They name some of the features, etc, etc. Nothing out of the ordinary-- everything they had to say was positive.

-Alex.

950. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:09:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <790799789.AA00084@rochgte.fidonet.org>
Source record: 262497

> From: SPSBEER@ins.infonet.net (Mike Snyder)
> Organization: S.P.S. Beer Stuff, Cedar Rapids, IA (319) 393-1219

> I saw an ad in our local paper looking for scanner listeners to call

> Isn't it illegal to divulge what you heard on your scanner to a third
> party?

> I know the media listens to scanners all the time; are they bending
> the law or is there a loophole for them?

I don't think anyone has ever really gone "all the way" with a case against a newsgathering organization for violation of the Communications Act. The press have always stated that their First Amendment rights cover reporting based on scanner intercepts. To my knowledge, the US Supreme Court has never been given the opportunity to rule on this. (Under the current political climate in the USA, requesting such a ruling now might be VERY dangerous for personal liberties.)

It does appear to violate the spirit of the law to ask citizens to violate the Act on behalf of the media. I guess if they don't pay any of these people, there may not be much to prosecute. There is probably no real proof of involvement by any individual with that arrangement either.

I saw a similar ad here in Rochester, NY once. I called the number and left a message inquiring about the legality of such activity. They never called me back. :-)

```
===================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===================================================================
```

951. HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:12:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <790799789.AA00085@rochgte.fidonet.org>
Source record: 262496

> From: rsharp@paul.spu.edu (Nice Guy Ron)
> Organization: Seattle Pacific University

> I am considering getting a HAM license (no code) and have no knowledge
> about ham's other than a bit of conversation with an operator. WHere
> should I post for dialogue or is there someone out there that would
> mind some basic question?

You can try the rec.radio.amateur newsgroup. You can obtain free
information on becoming a ham by writing to:

ARRL
225 Main St
Newington, CT, 06111

==========
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
==========

952. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:15:03 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <790799789.AA00086@rochgte.fidonet.org>
Source record: 262498

> From: michael@alexander.terranet.com (Michael Alexander)
> Organization: Terranet, Inc., Boston, MA, USA

> It's not illegal to divulge what you hear on a scanner to a third
> party. You're confusing that with listening to cordless telephone
> calls.

> In the specific case of police and fire are public agencies: You have
> the right to listen in all you want and to talk about it all you want
> to anyone you want. No, the newspaper is not bending any law in any
> way; no it is not a loophole.

WOW! Where do you get your [mis]information? It most certainly is
illegal in the USA to divulge intercepted radio transmissions to third
parties. Read Section 705 of the Communications Act of 1934.

```
===================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===================================================================
```

953. PRO-43 charging - help please

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:16:07 UTC
From: MarkCJones@mcjones.demon.co.uk
Message-ID: <MarkCJones.4.001DA2F1@mcjones.demon.co.uk>
Source record: 262671

What is the optimum charging time for the PRO-43, and for how long should the charge last?

I am using a 9V 800mA regulated power supply to charge 6 standard Radio Shack Enercell NiCd batteries within the scanner, but only seem to get about 30mins use before the batteries go dead.

The manual is not clear in this area, so any help would be appreciated.

Mark.

954. Packet Cluster

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:20:04 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <790799789.AA00087@rochgte.fidonet.org>
Source record: 262499

> From: cseymour@mbunix.mitre.org (Chip Seymour)
> Organization: Research Computer Facility, MITRE Corporation, Bedford,
> MA

> Looking for the freq's used by Packet Cluster MDT's.
> A local PD just installed some.

Which local PD? Nobody is going to be able to identify the frequencies
unless they know whose licenses to look up.

955. Scanning packet cluster

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:24:05 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <790799789.AA00088@rochgte.fidonet.org>
Source record: 262500

A group of us hams in western New York have been discussing the formation of a scanning/SWL packet cluster for bulletins, etc.

If anyone else has already tried this, we would appreciate hearing about your experiences. Please relate your problems, cautions, etc.

```
================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
================================================================
```

956. Re: Mods. for UK PRO-37 scanner....

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:26:18 UTC
From: dpfg@ukc.ac.uk
Message-ID: <5997@rook.ukc.ac.uk>
Source record: 262672

In article <790510278snz@javiaton.demon.co.uk> Clough@javiaton.demon.co.uk writes:
>In article <115586633wnr@dunebug.demon.co.uk>
> John@dunebug.demon.co.uk "John Steven" writes:
>> I heard a long time ago that it was possible to modify a PRO-37 to
>> scan with no breaks by removing one or more diodes.
>If you have UK PRO-37 you can obtain 29-54MHz coverage (although you may
>loose 66-88MHz I'm not 100% sure if yu can have both !).

When you do this sort of thing, does the display read the actual frequency
being monitored, or would it say 66 and receive 29, for instance?

>you can add an external switch to allow AM to be switched in outside
>the VHF airband, the latter involves a little "work".

Is this also possible on the Pro39? Presumably if the thing is inherently
capable of getting AM (for airband) it is not beyond possibility to
generalise coverage?
Does the existence of AM circuitry for one bit explain why some sort of
signal, allbeit not very good, is heard when listening to an AM transmission
when in FM mode?

--
"If management services were to grow to the point where they became the
tail that wags the dog, I would have to seriously rethink my position."

Byker Grove Gazette, July 1969

957. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:28:16 UTC
From: dbf4@aol.com
Message-ID: <3fu4jg$kre@newsbf02.news.aol.com>
Source record: 262478

Thanks for the great response, the comparison was done with a Diamond-RH77CA all band on both radios. The Pro-43 will BOOM the signal and the 8000 will be almost unreadable. I have lots of scanning years, so I'm pretty sure the mode and steps and stuff are set ok. I'm concerned that it is my particular unit and not inherant in the beast

958. Re: HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:31:13 UTC
From: dpj@ix.netcom.com
Message-ID: <3fu4p1$2nl@ixnews3.ix.netcom.com>
Source record: 262674

In <3fseu4$7v0@adam.spu.edu> rsharp@paul.spu.edu (Nice Guy Ron) writes:

>
>I am considering getting a HAM license (no code) and have no knowledge
>about ham's other than a bit of conversation with an operator. WHere
>should I post for dialogue or is there someone out there that would
mind
>some basic question?

Try posting to the rec.radio.amateur.* newsgroups. You'll find a great
group of people there.

You can also e-mail me with questions if you like.

73

--

David Johnson - KJ7GA "That's no moon...That's a space station."
dpj@ix.netcom.com
---

959. Re: WWWeb scanner address list

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:31:14 UTC
From: odium@usis.com
Message-ID: <3fu4p2$aj2@news.usis.com>
Source record: 262476

Michel Couture (mcouture@asterix.drev.dnd.ca) wrote:
: A few weeks ago I saw an interesting list of http: address of WWW
: for scanners related home page but I lost this article
: Could you please repost it
: Thank you
Here it is...
Radio Sources on the Internet

Here is the second draft. Thanks for the updates.

Please send updates and corrections to:
brett_miller@ccm.ut.intel.com

World Wide Web
---
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law
Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to
ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial
broadcasters
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggins

FTP
---
ftp.cdrom.com /pub/hamradio/
oak.oakland.edu /pub/hamradio
ham.eetech.mcgill.ca /pub/ham-radio
bubba.business.uwo.ca /mods

garfield.catt.ncsu.edu /pub/hamradio
ftp.sunet.se /pub/radio
ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
mgate.arrl.org ARRL FTP site
ftp.cs.buffalo.edu /pub/ham-radio
ucsd.edu /hamradio
unbc.edu /ampr
tandem.com /hamradio
nic.funet.fi /pub/ham
ftp.demon.co.uk /pub/ham/mac - MAC stuff
grivel.une.edu.au /ham-radio
rtfm.mit.edu /pub/usenet/news.answers/ham-radio - Radio FAQs
ftp.qrz.com /qrz - QRZ CD-ROM files (no callsign database)
archive.afit.af.mil /pub/space/amateur.tle - Keplerian Elements
ftp.crl.com /user/ro/vhealey/www (use WWW viewer for HTML docs)

E-Mail servers
---
ftpmail@exchange.tlh.fl.us - get INDEX.TXT
qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
callbook@n8emr.cmhnet.org - Callsign server
wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mail-server@rtfm.mit.edu - put help in the message body

Gopher
---
gopher.switch.ch /11/misc/faq/faq-dir FAQs
hamster.business.uwo.ca (129.100.89.100)
gopher.cic.net /11/e-serials/general/radio
scitsc.wlv.ac.uk /11/pub/hamradio
yfn.ysu.edu /11/public/sigs/ham
gopher.fcc.gov

USENET
---
alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
alt.cellular - (I've never seen any cellular related traffic yet)
alt.radio.pirate - Pirate radio station topics
rec.antiques.radio+phono - Antique radio & phono topics
rec.radio.amateur.antenna - Antenna related topics
rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
rec.radio.amateur.misc - Main newsgroup for Ham radio topics
rec.radio.amateur.digital.misc - Digital communications (including Packet)
rec.radio.amateur.homebrew - Make your own radio equipment
rec.radio.amateur.packet - (not used any more?)
rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
rec.radio.amateur.space - Ham radio & space communications
rec.radio.broadcasting - AM & FM broadcasting
rec.radio.scanner - Monitoring above 30 MHz
rec.radio.shortwave - Monitoring below 30 MHz
rec.radio.swap - radio related sales & swap topics

rec.radio.cb - Citizens Band Radio topics
rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

--
Odium@USiS.COM
~~~~~~~~~~~~~~
(Check out my WEB page at|---***Selfish people are happy people.***---)
(http://usis.com/~odium/ | -I said that)
(* H/P related info |)
(* Scanner junk |)
(* Misc. Crap |)
~~~~~~~~~~~~~~

960. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-22 17:33:56 UTC
From: odium@usis.com
Message-ID: <3fu4u4$aj2@news.usis.com>
Source record: 262477

Mike Snyder (SPSBEER@ins.infonet.net) wrote:
: I saw an ad in our local paper looking for scanner listeners to call in at
: night to let the paper know about the police and fire scoops that they heard.
: Isn't it illegal to divulge what you heard on your scanner to a third party?

: I know the media listens to scanners all the time; are they bending the law or
: is there a loophole for them?
Actually it is only illegal to divulge private conversations, such as
cordless or cellular phones(which actually are illegal to listen to now).
Police and fire are considered public, therefore everyone can talk about
what they here.

Odium@USiS.COM
~~~~~~~~~~~~~~~
(Check out my WEB page at|---***Selfish people are happy people.***---)
(http://usis.com/~odium/ | -I said that)
(* H/P related info |)
(* Scanner junk |)
(* Misc. Crap |)
~~~~~~~~~~~~~~~

961. Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-22 18:07:16 UTC
From: drno@intac.com
Message-ID: <3fu6sk$25r@uucp.intac.com>
Source record: 262481

Anyone know of any interesting frequencies in the New York City area??
Thanks.

962. WANTED BEARCAT BC890 XTL

Newsgroup: rec.radio.scanner
Date: 1995-01-22 18:15:25 UTC
From: johnl@postoffice.ptd.net
Message-ID: <D2tK1p.Eo@postoffice.ptd.net>
Source record: 262522

I'm looking for a BC890 XTL that either has been restored to receive cellular frequencies or is capable of
being modified. I would perfer one that is either new or as new--if anyone out there has one for sale or
knows where I can get one I would appreciate e-mail or a phon call.

Thanks---John (717) 629-3403

963. POP COMM BACK ISSUES FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-01-22 18:17:47 UTC
From: johnl@postoffice.ptd.net
Message-ID: <D2tK5n.FC@postoffice.ptd.net>
Source record: 262521

I have back issues of Pop Comm from 1982 to 1993 complete and in great condition for sale.

Asking $ 200 plus shipping or make an offer.

John (717) 629-3403, evenings

964. Re: ICOM R1 battery help

Newsgroup: rec.radio.scanner
Date: 1995-01-22 18:25:57 UTC
From: opp@worldweb.net
Message-ID: <opp-2201951525570001@204.117.218.109>
Source record: 262479

In article <oppD2snIo.IBE@netcom.com>, opp@netcom.com wrote:

> : Also, if anyone has a base cover to the R1 (I use an extended pack battery
> : and lost the original bottom plate to the R1), I would buy it from you for
> : $20.
>
> : All responses to alee@crl.com
>
> : Al
>
> --
> opp@netcom.com

--
And that's the way it was...

965. Test Posting

Newsgroup: rec.radio.scanner
Date: 1995-01-22 18:32:12 UTC
From: opp@worldweb.net
Message-ID: <opp-2201951532120001@204.117.218.109>
Source record: 262480

```
--
And that's the way it was...
```

966. Looking for Conn. St. Police

Newsgroup: rec.radio.scanner
Date: 1995-01-22 18:41:29 UTC
From: slitel@netcom.com
Message-ID: <slitelD2tL95.Ctp@netcom.com>
Source record: 262482

Does anyone have a list of the Conn. State Police Frequencies. I have a list that every time I pass thru the state I seem to get everything except the Conn. State Police. I was also in a store yesterday that carries books and both these books had different frequencies. One had numbers in the 42.XX range while the other had "NEW" 800 frequencies.

Please either post or send me e-mail.

Thanks!

Stuart

967. Re: Could someone check "Beyond Police Call" for Vermont Ski pls?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 18:54:45 UTC
From: HFDJ33D@prodigy.com
Message-ID: <3fu9ll$iu0@usenetw1.news.prodigy.com>
Source record: 262483

Beyond Police Call lists the following for Mt Snow: 151.745, 461.2, 461.
35.

Snow Lake Lodge 464.575.

Hope this helps.

Ian

968. BC 590 XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-22 19:19:18 UTC
From: Victor Jimenez <vjimenez@awod.com>
Message-ID: <3fub3m$81s@sumter.awod.com>
Source record: 262449

Does anyone have any useful info on the BC590 XLT. Like how to improve
its performance?

PLease emial me... not reply on usenet
Thank You
Victor Jimenez

email: vjimenez@awod.com

969. Re: CNN Audio

Newsgroup: rec.radio.scanner
Date: 1995-01-22 19:19:23 UTC
From: Brian Heath <heathbar@cyber1.servtech.com>
Message-ID: <3fub3r$1i0@uhost1.servtech.com>
Source record: 262484
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> opp@netcom.com writes:
> I'm still unclear on whether one can get CNN and Court TV audio on a
> scanner. Someone informed me that cable audio can't be picked up. But
> I've heard QVC audio.

Yes you can get cable network audio on a scanner -- but it isn't intentional - it often means there is a leak in the shielding on the cable line -- and can be accidental or caused by illegal cable hookups. The leak usually ties up frequencies at and around 155.745 MHz and is usually the audio for cable channel 16 or 17 (or somewhere around there).

It was a pain in the rear for the longest time when I lived in Jackson, Mississippi, because the county fire dispatch frequency was at 155.745 MHz and I constantly fought bleed-through from a cable network when monitoring it.

Your best bet if this happens is to call the cable company to have them find out where the signal leak is -- you'll get better reception of those scanner frequencies, usually better TV reception on cable, and save the cable company from being fined for signal leakage.

~~~~~~
Brian Heath * Blonde uses hypodermic needle to
Rochester, NY * fight computer viruses.
Net Surfer, Photojournalist. * Tonight at 11
heathbar@cyber1.servtech.com *
CIS 76132,1247 *
~~~~~~

970. PRO 2026 MODS

Newsgroup: rec.radio.scanner
Date: 1995-01-22 19:22:13 UTC
From: amick@falcon.cc.ukans.edu
Message-ID: <amick.4.00135F5E@falcon.cc.ukans.edu>
Source record: 262502

I CAME ACROSS AN OLD PRO 2026.
DOES ANYONE HAVE MODS FOR IT
PLEASE & THANKS

971. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-22 19:23:03 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD2tn6G.Fvt@netcom.com>
Source record: 262485

DBF4 (dbf4@aol.com) wrote:
: Thanks for the great response, the comparison was done with a
: Diamond-RH77CA all band on both radios. The Pro-43 will BOOM the signal
: and the 8000 will be almost unreadable. I have lots of scanning years, so
: I'm pretty sure the mode and steps and stuff are set ok. I'm concerned
: that it is my particular unit and not inherant in the beast
I compared my 8000 to my Kenwood TS 690 which is capable of Lo Band.ON a
given signal ... I noticed the 690 had a very strong signal whilst the
8000 still had a acceptable and readable signal.My 690 is connected to a
outside antenna .The 8000 with the duck . Its interesting you are getting
terrbile performance on the 8000 in the Lo band .

972. ftpmail@exchange.tlh.fl.us: Not working?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 20:29:09 UTC
From: knight@crash.cts.com
Message-ID: <D2tq8M.AnD@crash.cts.com>
Source record: 262487

I used the ftpmail address for scanner mods a few times, but now it seems not to be working. Anyone know whats up? I've been reading constantly all the newsgroups and I don't think there was any announcement about it. If anyone could fill me in, thanks!

Jonathan Bulliung
Knight@ctsnet.cts.com

973. Homebuilt Scanners ?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 20:43:21 UTC
From: sarangan@maxwell.uwaterloo.ca
Message-ID: <D2tqw9.CGz@watserv2.uwaterloo.ca>
Source record: 262514
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Has anyone tried building a scanner ? Is it a worthwhile attempt ?

--
Andrew Sarangan
sarangan@maxwell.uwaterloo.ca

974. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-22 20:49:01 UTC
From: decastro@netcom.com
Message-ID: <decastroD2tr5p.5qI@netcom.com>
Source record: 262513
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

cliffkot@netcom.com (Cliff Kotchka) writes:

>: >Remember the guy in San Diego County who broadcast on the S.O. freq to
>: >request medical aid for a crashed mtn. biker with a severe head injury.
>: >He was out of range of ham rptrs but was able to access the Sheriff's.
>: >He had his radio confiscated and was facing possible criminal charges.
>: >The DA decided to drop the charges when faced with public outcry.

>: >I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
>: >he radio although hams in the area offered to replace the one commandeered
>: >by the San Diego Sheriff.

>: All of his grief came from the SO. The SO (illegally) confiscated his
>: radio, harassed him, tried to have him charged. What they were

No, the radios were illegally confiscated. The federal government is
by regulation, law and case law the only level of government that can
enforce communications law. The FCC didn't confiscate the radios, the
sherrif did, having no right to do so - in other words, they stole them.
B
Furthermore, as has been quoted by me and others here, the applicable
section of part 97 of the FCC regulations allows an operator in an
emergency to use whatever means of communications are at his disposal
to request assistance. In fact, every part of the FCC regs taht I've seen
has a similar section, so they couldn't even claim he was operating
a non-type accepted commercial radio.

The FCC didn't elect to do anything to the ham, including give him a
notice of violation. The reason is, that according to FCC regulations,
common practice, and in fact case law, what he did was completely acceptable.

The resaon the ham didn't persue the amtter of the stolen radios is simple -
he couldn't afford the cost of taking the County to trial, and the
radios were replaced by a donation from other hams in the area.
.
>His radio was legally confiscated because all commercial radios must be
>*type accepted*. Ham radio gear is not type accepted and it is illegal
>to modify an amateur radio transmitter to transmit on non-amateur
>frequencies under any circumstances. The Ham was not charged with
>*operating* illegally because of the emergency circumstances surrounding
>the transmission. His radio, however, was unlawful and was therefore
>confiscated.

>A lousy deal, but what are you going to do. You can't fight the FEDS.
>Even when you are right, remember, they are bigger than you are.

>
>Cliff Kotchka
>Riverside, Illinois
>USA
>
>--
> cliffkot@netcom.com
--
==========
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==========

975. Re: heard on the air

Newsgroup: rec.radio.scanner
Date: 1995-01-22 21:27:52 UTC
From: tbodoh@pipeline.com
Message-ID: <3fuiko$qjf@pipe4.pipeline.com>
Source record: 262488

I heard a call recently - a cop was called to the scene of a dead cat in the
road. Upon arrival, he asked dispatch to send animal control to the 1200
block of North Minnesota Avenue. The dispatcher asks "Northbound or
Southboand", to which the cop replied "It's kind of multi-directional
now..."

The Dispatcher paused for a while, then said "I don't think I'll tell tham
that..."

Tom Bodoh, N0YGT

976. SE Florida

Newsgroup: rec.radio.scanner
Date: 1995-01-22 21:50:00 UTC
From: David.Sosnin@f66.n369.z1.fidonet.org
Message-ID: <23e_9501222151@genesis.gate.net>
Source record: 262512

Anyone have a good frequency list for SE Florida I can get??

Thanks in advance.
--
|Fidonet: David Sosnin 1:369/66
|Internet: David.Sosnin@f66.n369.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

977. AR8000 Problems

Newsgroup: rec.radio.scanner
Date: 1995-01-22 22:12:10 UTC
From: stegner@richmond.infi.net
Message-ID: <3ful7q$q3p@lucy.infi.net>
Source record: 262489

I just purchased the UK version of the AR8000 from Javiation and have experienced the following problem during scanning. In scan mode the scanner stops on certain inactive frequencies with the rubber duckie antenna. The frequencies that it stops on change. In one session, the scanner stopped on 460.100 for about two minutes. After this it started to scan and stopped on 460.3250. Next in line were 860.9375, 460.650, 460.175, 460.6250, 450.2875, 460.200 and then 450.3125. Seems to stop 3 to 5 minutes on each and then moves on. Sounds like the squelch is not closing. Adjusting the squelch and setting sound squelch on does not help. Signals register as high as 7 bars. I confirmed that these frequencies were not active with my PRO-2006 and MVT-7100. If I connect to my attic discone, this does not happen. I do not think that they are birdies because it also does not happen when I remove the antenna. Moving the scanner away from my computer does not help. I am afraid that the scanner is defective. Has anyone else had this problem?
Also, when controlling the 8K with ScanCat, the audio for 800mhz freqs is distorted. Uploading and downloading work great. Does anyone have any suggestions?

978. SE Florida

Newsgroup: rec.radio.scanner
Date: 1995-01-22 22:15:00 UTC
From: David.Sosnin@f66.n369.z1.fidonet.org
Message-ID: <23f_9501222216@genesis.gate.net>
Source record: 262520

Looking for some scanner frequencies for SE Florida.

Please tel me where I can get some good ones.

Thanks
--
|Fidonet: David Sosnin 1:369/66
|Internet: David.Sosnin@f66.n369.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

979. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-22 22:41:23 UTC
From: henniger@cisco.com
Message-ID: <henniger.790814483@cisco.com>
Source record: 262490

In <3fp2l6$qv6@newsbf02.news.aol.com> dctrhappy@aol.com (DctrHappy) writes:

>Is it possible to start a radio station and simply broadcast it over a
>cell phone (paying for the time of course)? Obviously this would only
>cater to those w/ scanners. Or would you have the gmen at your
>doorstep..?

I heard a different question than some of those replying here.

I heard: "If I make a cell phone call to someone else, and that person
just stays on the line and says nothing, and I send programming/
radio-station transmission stuff over the cellphone, although the
cellular system is sending it to the guy at the other end, the
neat thing about this is that I am actually legally transmitting from
10 to 100 watts from a well placed tower in a hopefully populated
area to many people.

Okay, so it costs 20 cents a minute to tranmsit my radio signal and
eventually get it to another phone which noone is listening to, but
couldn't I tell all my friends: "listen in to cellular at 7PM on Sunday,
and you'll hear my radio special on how to make cheese!" ?

Let's see, an hourlong program at $.20 / Minute = $12 per hour.
Okay, not so bad. But could all of my friends hear my broadcast?

The answer here is yes, if they were close enough and the congestion was low.

If you did it late in the evening on Sunday, few cellular channels would
be busy, and therefore cells which shared the same frequency as the one
you were using would be idle, and you could probably transmit for several
miles, up to twenty miles if conditions were right.

You would be almost guaranteed that everyone in the same cell could hear
you, (if you were close to the cell, the cell transmitter _might_ decrease
trasmitted power, and if you were in a 120degree section of a cell, it
is possible that the cell site is using directional antennas to transmit
in your direction (although directional is usually receive.)

A cell size is from microcell (~ 1 block) to rural cell (~15-20 Miles)
in diameter.

Next becomes the problem of whether they could find the channel you
were transmitting on. Since the cell site tower is known, (e.g.
you park in front of a given cell site) the channels associated with
that tower change very infrequently (e.g. a couple of times a year,
depending on changes in traffic flow, etc.) so you could publish the
fifteen or so channels of the cell site to your friends and they would

have to scan only those fifteen channels.

There is also the issue of voice quality. Since the 'base to handset' channel is always easy to hear and clear, the broadcast station should be the landline phone, not the cell phone. Even still, music would be awful but voice stuff should be okay (try sending music over a regular telephone line.)

Finally the issue of legality-

you could argue that under federal law, your friends listening to you would be legal if you gave them your permission to monitor your transmission.

It may be against the policies of usage of the cell phone service provider, or against specific laws in your state or local jurisdiction.

Interesting idea though,
Mick

980. Re: AR8000 Computer shortcut

Newsgroup: rec.radio.scanner
Date: 1995-01-22 22:56:41 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3funr9$2ih@nntp.crl.com>
Source record: 262491

jadantin@ndlc.occ.uky.edu (Jim Dantin) wrote:
>
> Victor Healey Ki4je (vhealey@crl.com) wrote:
> : Maybe you already noticed this but today I realized
> : that to get a dump of all data in a term program by banks
> : MAA
> (stuff deleted . . .)
> : just cut and paste that to the scanner and capture all the responses.

>
> Sounds great, but don't you have to clean up the resulting data file
> still? (I mean to remove the "MAx" stuff and the AR8000's output from
> empty banks).
>
The scanner doesn't echo your commands.
It isn't like a BBS.
There is no garbage from empty banks in a capture file. After sending the
little note bank is empty the scanner erases the text with 5 or 6
destructive backspaces.

73's de Ki4je

981. AR8000 Keyboard

Newsgroup: rec.radio.scanner
Date: 1995-01-22 23:00:35 UTC
From: David@holodeck.demon.co.uk
Message-ID: <653092736wnr@holodeck.demon.co.uk>
Source record: 262492

Having had my AR8000 for a few months now I can honestly say that it has not had any real heavy use. Handling of it's keyboard has been light.

I have noticed though that the 'ENTER' key, 'LEFT' and 'RIGHT' arrow keys have started to fade.

I hate to think what would be happening by now if it was handled heavily!

Have any of you had similar experiences with the AR8000 or other scanner and if so what have you done to overcome this problem.

Dave....

David@holodeck.demon.co.uk
Birmingham England U.K.
Happy as a pig in muck!
---

982. FCC Service Codes Question...

Newsgroup: rec.radio.scanner
Date: 1995-01-22 23:01:04 UTC
From: scanware@myhost.subdomain.domain
Message-ID: <3fuo3g$r3d@news.halcyon.com>
Source record: 262494

I need some help with two FCC Radio Service Codes that I don't
know the meaning of. The codes are PM which I think might be
something like Public Safety-Medical.....and the other is
IV which I am at a loss to explain without guessing. It seems
like things that are often found in the IB class...businesses
but there doesn't seem to be a common 'thread' to the businesses.
Any help would be much appreciated.
Please e-mail any replies or leave them here.
Thanks!

Gene / KG7XD
Fax: (360) 698-8207
Voice: (360) 698-1383
Internet: scanware@kendaco.telebyte.com

In God We Trust...All others we monitor!

983. Re: Motorola MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-22 23:08:55 UTC
From: <>
Message-ID: <Reid.G-2201951608550001@17.127.10.51>
Source record: 262508

Neat radios huh! To answer your question, "NO" there is no way to read the frequency from the display. I've programmed about 45 of these radios damm near every switch, button and knob is user defineable(sp?) Anyway these are 900mhz SMR's Conventional and/or Trunked radios with backlit display and keypad for those that have 'em. With mine I can hit all my company's repeaters in the south San Francisco Bay area plus about 10 mtn top trunked repeaters and make phone calls from a handheld radio.......cool........

In article <CCARTEE.95Jan20190204@regal.cisco.com>,
ccartee@regal.cisco.com (Claude Alan Cartee) wrote:

> Does anyone have any information on the Motorola MTX9000 radio? Is it
> a single frequency or trunked unit? Is there a way to read the
> frequency from the LCD display?
>
> The radio has a rather small flexible antenna, so I am assumming that
> it is either in the 450 or 850 Mhz range.
>
>
> --
>
>

> Claude Alan Cartee "I have neither the time nor the inclination to explain
> 170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
> San Jose, CA 95134 of the very freedom I provide...
> ccartee@cisco.com ... and then questions the manner in which I provide it"
> 408 526-7801 -Col Nathan R. Jessep
>

--
the RotnApple

984. MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-22 23:20:51 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.95Jan22152051@regal.cisco.com>
Source record: 262493

Actually it wasn't my radio. I was looking over one of the units our
security people use. One unit had a keypad and another unit didn't.
The one with the keypad had something like six buttons on it.

I got the guy to key up and thought I heard it around 450Mhz, but I
now suppose that must have been an image or bleed though. Do you have
a frequency range that I could scan through to find which frequencies
are in use?

In article <3ftsei$nq3$1@mhadg.production.compuserve.com> Carl Robbins
<75230.2407@CompuServe.COM> writes:

Path: cronkite.cisco.com!ames!agate!howland.reston.ans.net!pipex!uunet!news.inhouse.compus
erve.com!news.production.compuserve.com!news
From: Carl Robbins <75230.2407@CompuServe.COM>
Newsgroups: rec.radio.scanner
Date: 22 Jan 1995 15:09:06 GMT
Organization: via CompuServe Information Service
Lines: 8
References: <CCARTEE.95Jan20190204@regal.cisco.com>

Claude,
It is 900 Mhz Trunking... Depending on what model you have it
will do from 4 systems up to 10 systems. Yours have a full keypad?

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep
---

985. Freq Request: DisCom Truncked Network

Newsgroup: rec.radio.scanner
Date: 1995-01-22 23:22:21 UTC
From: rbaker@modicon.com
Message-ID: <rbaker.26.00175FBA@modicon.com>
Source record: 262524

Does anyone know the frequencies for the DisCom 800 MHz Mobile Radio Network that operates out of Massachusetts and New Hampshire? I am interested in transmissions from their North Andover and Georgetown MA and Chester NH Antennas to and from mobile units. Any details on their specific truncking algorithms would also be appreciated. Thanks...

986. Bearcat 560XLT mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-22 23:57:44 UTC
From: drwhat@198.133.237.1
Message-ID: <3furqi$p9e@olympus.net>
Source record: 262501

Howdy all!

I have a Bearcat 560XLT scanner.. and would like to know if there is any information on any modifications that can be done to it??

987. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-23 00:31:05 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3futc9$36@umcc.umcc.umich.edu>
Source record: 262515
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <gradyD2tEAI.1y1@netcom.com>, Grady Ward <grady@netcom.com> wrote:
>Fran (75471.304@CompuServe.COM) wrote:
>: An unidentified transmission of any kind is technically illegal.
>: It's illegal to "kerchunk"
>
>
>Short test transmissions need not be identified. Read the rules.
>73 KO6EB
>
>--
>Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com
>
>'finger grady@netcom.com' for instant information on Moby lexicons

FCC rules and regulations Part 97

97.119 Station Identification
(a) Each amateur station, except a space station or telecommand station, must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every ten minutes during a communication, for the purpose of clearly making the source pf the transmissions from the station known to those receiving the transmissions. No station may transmit unidentified communications or signals, or transmit as the station call sign, any call sign not authorized to the station.

This was taken from the FCC rules Part 97 current as of Dec 20, 1994 downloaded from the ARRL.

It sure looks like kerchunking is illegal and it sure looks like unidentified transmissions are illegal too. You can make brief transmissions to tune your equipment but you also must Id when you're done.

Les

--
Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
lbutler@umcc.umich.edu Compuserve 72673,321
Ham Callsign expected in Feb. Have a great Day!

988. Scanners w/Computer ctrl

Newsgroup: rec.radio.scanner
Date: 1995-01-23 00:43:49 UTC
From: <>
Message-ID: <Reid.G-2201951743490001@17.127.10.51>
Source record: 262495

Hey! Check this idea out. Since more and more scanners are coming out with computer interfaces, how about if we have Scanner shops with Data dump stations. You could just select your area of interest (police, fire, etc), geographical location and a database would retrieve the frequencies, you ok them and it dumps it into your scanner. Bingo! your programmed for that area.

ok, ok, I know, it's been a long night.....?????????

Greg BASE38

--
the RotnApple

989. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-23 00:44:53 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3fuu65$gq@umcc.umcc.umich.edu>
Source record: 262516
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <decastroD2tr5p.5qI@netcom.com>,
Richard A. De Castro <decastro@netcom.com> wrote:
>cliffkot@netcom.com (Cliff Kotchka) writes:
>
>
>>: >Remember the guy in San Diego County who broadcast on the S.O. freq to
>>: >request medical aid for a crashed mtn. biker with a severe head injury.
>>: >He was out of range of ham rptrs but was able to access the Sheriff's.
>>: >He had his radio confiscated and was facing possible criminal charges.
>>: >The DA decided to drop the charges when faced with public outcry.
>
>>: >I don't recall if the FCC stuck him with a fine or not. Anyway, he lost
>>: >he radio although hams in the area offered to replace the one commandeered
>>: >by the San Diego Sheriff.
>
>
>>: All of his grief came from the SO. The SO (illegally) confiscated his
>>: radio, harassed him, tried to have him charged. What they were
>
>
>No, the radios were illegally confiscated. The federal government is
>by regulation, law and case law the only level of government that can
>enforce communications law. The FCC didn't confiscate the radios, the
>sherrif did, having no right to do so - in other words, they stole them.
>B
>Furthermore, as has been quoted by me and others here, the applicable
>section of part 97 of the FCC regulations allows an operator in an
>emergency to use whatever means of communications are at his disposal
>to request assistance. In fact, every part of the FCC regs taht I've seen
>has a similar section, so they couldn't even claim he was operating
>a non-type accepted commercial radio.
>
>The FCC didn't elect to do anything to the ham, including give him a
>notice of violation. The reason is, that according to FCC regulations,
>common practice, and in fact case law, what he did was completely acceptable.
>
>The resaon the ham didn't persue the amtter of the stolen radios is simple -
>he couldn't afford the cost of taking the County to trial, and the
>radios were replaced by a donation from other hams in the area.
>.
>>His radio was legally confiscated because all commercial radios must be
>>*type accepted*. Ham radio gear is not type accepted and it is illegal
>>to modify an amateur radio transmitter to transmit on non-amateur

>>frequencies under any circumstances. The Ham was not charged with
>>*operating* illegally because of the emergency circumstances surrounding
>>the transmission. His radio, however, was unlawful and was therefore
>>confiscated.
>
>>A lousy deal, but what are you going to do. You can't fight the FEDS.
>>Even when you are right, remember, they are bigger than you are.
>>
>>Cliff Kotchka
>>Riverside, Illinois
>>USA
>>
>>--
>> cliffkot@netcom.com
>--
>==
>decastro@netcom.com Warning: I am a trained professional. No, Really!
>Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
>Richard A. De Castro - As long as the Government pretends to protect me,
> I'll pretend to feel safe - NOT!
> -Don't Tread On Me!-
>==

FCC rules part 97.403
Safety of life and protection of property.

No provision of these rules prevents the use by an amateur station of any
means of radiocommunication at it's disposal to provide essential
communication needs in connection with the immediate safety of human life
and immediate protection of property when normal communication systems
are not available.

--
Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
lbutler@umcc.umich.edu Compuserve 72673,321
Ham Callsign expected in Feb. Have a great Day!

990. Re: New Feature Found From AR8000 Homepage

Newsgroup: rec.radio.scanner
Date: 1995-01-23 01:24:25 UTC
From: opp@worldweb.net
Message-ID: <opp-2201952224250001@204.117.218.107>
Source record: 262519
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3fopuu$cil@nntp.crl.com>, Victor Healey Ki4je
<vhealey@crl.com> wrote:

> Just access new slick feature in first line of AR8000 and More
> with your web browser (preferably the freebie Netscape).
> The files and their brief describtions will be displayed.
I have just started using netscape. cud u post directions on how to go to
your site with netscape. I went in earlier today with fetch but of course
that didn't give me the graphical interface. I'm sure others could use the
instruction also. With fetch i just out in ftp. crl.com. and then went for
your folder (I'm using a mac.) what's the easiest way to do it with
netscape (which i +think+ is probably better than mosaic. Thanks.

--
And that's the way it was...

991. Re: MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-23 01:36:39 UTC
From: jmmorrison@aol.com
Message-ID: <3fv177$q13@newsbf02.news.aol.com>
Source record: 262503

MTX9000's are Motorola trunked radios that only work in the 900mhz band. They can be used as part of a trunked system or part of a conventional system. There are three models: non-keypad, 6-button keypad, and full 12- or 15-button keypad. If you're sure its a MTX9000 it is definately operating in 900mhz.

John M Morrison, Detroit, MI

992. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-23 01:38:05 UTC
From: grady@netcom.com
Message-ID: <gradyD2u4JH.1rI@netcom.com>
Source record: 262517
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Hmmm... Lee is right according to 47 CFR 97.xxx.
I swear I never kerchunk without identifying! And that's the
story I'm sticking to, dammit!
--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

993. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-23 01:40:20 UTC
From: grady@netcom.com
Message-ID: <gradyD2u4n8.1xy@netcom.com>
Source record: 262518
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

After reading 47 CFR 97.111 and 97.119, I;ve got to admit that Les
is right. But I swear only that I *never* kerchunk without id'ing,
and that's the story I'm sticking to.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

994. AOR 1000 BOOK

Newsgroup: rec.radio.scanner
Date: 1995-01-23 02:02:12 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3fv2n4$jrm@hal9000.apana.org.au>
Source record: 262434
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone in AUSTRALIA have a copy of the book "GUIDE TO AOR 1000" that they dont want anymore and could sell it to me?

I have the simple manual but want a more in depth book.

If anyone has a copy could you please email me!

Thanks Matthew
matthew@hal9000.apana.org.au

PS If you dont have it where can I get it in Australia?

995. TIPS FROM "GUIDE TO THE AOR 1000"

Newsgroup: rec.radio.scanner
Date: 1995-01-23 02:06:17 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3fv2up$js1@hal9000.apana.org.au>
Source record: 262435
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I live in Australia and we dont have the book "GUIDE TO THE AOR 1000" and
I dont really want to order it from the USA.

Is there anyone who could just type up some of the tips/tricks info from
the above book. I have the AOR 1000xlt and am after any tips/tricks etc
etc from that book that could help me make the most of my scanner.

I hope Im not asking to much...

Thankyou
matthew@hal9000.apana.org.au

PS Is there any FTP sites for AOR 1000 files? PLEASE EMAIL ME!

996. Re: AR8000 Keyboard

Newsgroup: rec.radio.scanner
Date: 1995-01-23 02:37:09 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3fv4ol$a05@nntp.crl.com>
Source record: 262504

David@holodeck.demon.co.uk (David Somen) wrote:
>
> Having had my AR8000 for a few months now I can honestly say that it has not
> had any real heavy use. Handling of it's keyboard has been light.
>
> I have noticed though that the 'ENTER' key, 'LEFT' and 'RIGHT' arrow keys have
> started to fade.
>
> I hate to think what would be happening by now if it was handled heavily!
>
> Have any of you had similar experiences with the AR8000 or other scanner and
> if so what have you done to overcome this problem.
>

I discovered that this was due to pushing the radio into a pouch
type ham radio carrying case. The wet suit material was abraading the keys.
Since i have the new case especially designed for the radio by a third
party the process has stopped and everything is fine.

Ki4je

Would someone please send me some email sumarizing the 'problems' spotted
and the various replies for each problem so they can be posted to the various ar800
data pages on the www. Full credit to whoever has the time an ability to
help with this minnor bit of information that needs to be collected.

I'll convert it to html etc and get it posted. Several sites in other
areas of the world are mirroring or plan to mirro the data that i have
collected. Interest in this radio continues to grow on a weekly basis.

I thought it would drop off after xmas but I guess I was wrong.

73's
Victor Healey (Ki4je)

Send files to ftp://ftp.crl.com/pub/incoming
then send a note via E mailto:vhealey@crl.com to retrieve them.

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

997. Re: AR8000 & Macintosh

Newsgroup: rec.radio.scanner
Date: 1995-01-23 03:13:38 UTC
From: rotnapple@aol.com
Message-ID: <3fv6t2$r6d@newsbf02.news.aol.com>
Source record: 262506

I think we should talk. I just got my AR8000 two days ago. I didn't order the interface and I can see this was a mistake, I'll have to get one fast. I have several years experience scanning and HAM radio. I'm also Mac Enthusiast (I have to be, I work for Apple Computer ;)

I would love to have some sftw to really stretch this unit to the max...

You can contact me via Applelink, REID.G or AOL, RotnApple

Greg
RotnApple

998. Re: shuttle freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-23 03:18:12 UTC
From: paulot@cais.com
Message-ID: <paulot-2201952218120001@paulot.cais.com>
Source record: 262505

In article <3fsmvi$rt3@triton.unm.edu>, wem@unm.edu (william e mulberry) wrote:

> A guy I know was able to pick up radio transmissions from the
> shuttle on the last mission on his scanner. Can anyone send me a list of the
> frequencies that are used in shuttle broadcasts that I may
> be able to use for the next mission?
>
> Thanks.
>
> --
> Bill Mulberry M. Sc., R. Ph., C. Nuc. Ph. (~ 14 Kyu)
> College of Pharmacy (wem@triton.unm.edu)
> University of New Mexico
> Albuquerque, New Mexico USA

Bill,I got these from Radio Shack's magazine "Radio":

259.70
279.00
296.80

Also,many of the shuttle missions will carry radio amateur equipment on an
experiment called SAREX.From times to times,astronauts will carry on
contacts with ground based ham stations using 2 meters FM.I believe that
the downlink freq is
146.550.Please,someone correct me if I'm wrong on this one.

As for the first freqs you'll need a scanner like the Pro-43,wich has
expanded VHF and UHF military air frequencies

--
Paulo A. Teixeira "Free speech is the right to shout
N3MGA@WA3TAI.NOAM.MD 'THEATER' in a crowded fire."
Gallery's BBS 202-333-0407 - A yippie proverb

999. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-23 03:22:04 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <D2u9Cs.Iqn@news.hawaii.edu>
Source record: 262428
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>FCC rules part 97.403
>Safety of life and protection of property.
>
>No provision of these rules prevents the use by an amateur station of any
>means of radiocommunication at it's disposal to provide essential
>communication needs in connection with the immediate safety of human life
>and immediate protection of property when normal communication systems
>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
^^^^^^^^^^^^^^^^^

So before you use your HT out-of-band to call for help you'd better
make sure none of the following are nearby: pay phone, cellular phone,
CB radio, amateur repeater, amateurs monitoring a simplex frequency,
someone within shouting distance who could summon further help,
signalling mirror to signal an overhead airplane. Otherwise, no
fair grumbling if your HT gets taken away and you receive a NAL.

Jeff NH6IL

1000. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-23 03:30:42 UTC
From: siegman@EE.Stanford.EDU
Message-ID: <1970059siegman1013@EE.Stanford.EDU>
Source record: 262507

Just in passing, in a recent (and not particularly good) movie
called (I think) "Looking for Trouble", about a romance between a
hypercompetitive male reporter and a hypercompetitive female reporter,
I believe there are several scanners visible and audible in the
newsroom -- in fact I think they're mentioned in passing as part of
the plot of the movie.

1001. I modified my pro-43

Newsgroup: rec.radio.scanner
Date: 1995-01-23 04:04:49 UTC
From: romulus@escape.com
Message-ID: <3fv9t1$dh4@beyond.escape.com>
Source record: 262320

I finally modified my pro-43. It was not as difficult as I thought it would be; although it wasn't easy. The diode is extremely small. In addtion to the tools that were recommended in the "pro43.mod", I suggest using a magnifiying glass. This should really magnify what you are doing. This is great, I paid $100.00 (which goes for over $200 dollars used.)for this great scanner and now I have increased it's value by modifying it to receive the cell frequencys.

A word of advise: for those of you who don't have the confidence to do this mod, I suggest that you use a calculator as your confidence builder. Calculators uses the same technology used in the pro-43. Try to unsoder a small electronic component and resoder it. Keep on doing this until you feel comfortable enough to begin the modifcation to your pro-43.

Good luck to everyone.

1002. Re: Which is better,Betty Bearcat or Police Call??

Newsgroup: rec.radio.scanner
Date: 1995-01-23 04:57:11 UTC
From: douglas213@aol.com
Message-ID: <3fvcv7$sh6@newsbf02.news.aol.com>
Source record: 262509

Police call is better.

CD-ROM? Don't know.

1003. Re: Wanted- LA & Sand Diego Co. Freqs. Please

Newsgroup: rec.radio.scanner
Date: 1995-01-23 05:00:19 UTC
From: bartdoug@acusd.edu
Message-ID: <D2uDwK.8rK@pwa.acusd.edu>
Source record: 262511

mbsokol@winternet.com wrote:
: I will be travelling in the LA and San Diego County areas in the near
: future and would like a listing of any local and county-wide scanner
: freqs. that are availabe for posting. Thanks in advance. Mike.

I posted this recently so I'll repost the highlights. The best book for the So. Cal. area that I have found is called Scan Fan, and can be found at a local Ham Radio Outlet. It beats the pants off of Police Call (which still has its uses) and would be a much better choice for someone new to the area. You may get some posts of specific freq.s, but the range of possible things to listen to is truly overwhelming.

Good Luck,

Doug

--
I would rather be a foolish optimist than a correct pessimist.

1004. ??????Modifacations for Bearcat BC 142XL??????

Newsgroup: rec.radio.scanner
Date: 1995-01-23 05:17:06 UTC
From: saffronday@aol.com
Message-ID: <3fve4i$spl@newsbf02.news.aol.com>
Source record: 262510

Anyone know of any cool modifacations for a Bearcat BC 142XL? Or is it just a dumb box. Any ideas, please email or post here. Thanks.

1005. The death of SPEEDX

Newsgroup: rec.radio.scanner
Date: 1995-01-23 06:41:12 UTC
From: ae411@yfn.ysu.edu
Message-ID: <199501230641.AA03588@yfn.ysu.edu>
Source record: 262465
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I recived this tonight from Eddie Janusz, a longtime Speedx member:

>The management of SPEEDX has made the decision to suspend
>publication. In the short term, that was an easy decision;
>we don't have enough money to pay for the February issue.
>In the long term, January is supposed to be one of our *good*
>months! No way were we going to make it through June. So
>rather than cut corners or put out a slop product, they have
>faced the inevitable.

>Best wishes,
>
>Eddie

Sad to say that Speedx is no more. Founded in 1971, the club had enjoyed many good years and although I knew membership was not what it once was, I didn't know things were this bad. I'm afraid it's a sign of the times with the SWL Hobby as a whole seeing less and less interest every year it seems.

Effective with this months edition (January, 1995) the Speedx World of Utilities Electronic Edition that I have edited, will also cease.

I have no other information right now.

Thanks to all the Speedx members who supported the Club by contributing to the columns, and especially to those who sent material for my column, Utility Notes!

--
Rick Baker (ae411@yfn.ysu.edu)
Recorded live and direct from downtown Austintown, Ohio

1006. An old Bear!

Newsgroup: rec.radio.scanner
Date: 1995-01-23 07:32:50 UTC
From: turnept@mail.auburn.edu
Message-ID: <D2uKyq.Mz2@mail.auburn.edu>
Source record: 262425

[Article crossposted from alt.radio.scanner]
[Author was Phillip T Turner]
[Posted on Tue, 17 Jan 1995 04:55:02 GMT]

I've got ahold of a pretty old Bearcat (210 XL), does anyone know of any mods available for her?

Thanks for trying to teach an old "bear" knew tricks!

Phillip

1007. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-23 09:00:24 UTC
From: lou@gary.com
Message-ID: <773582044702@gary.com>
Source record: 262523

IG>Fran (75471.304@CompuServe.COM) wrote:
IG>: An unidentified transmission of any kind is technically illegal.
IG>: It's illegal to "kerchunk"

IG>Short test transmissions need not be identified. Read the rules.
IG>73 KO6EB

IG>--
IG>Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

IG>'finger grady@netcom.com' for instant information on Moby lexicons

Oh,really?

97.119 states that "No station may transmit unidentified communications or signals, or transmit as the station call sign, any call sign not authorized to the station."

Also, kerchunking can be labeled as "jamming", "malicious interference", and is annoying.

As an Official Observer, and a Repeater Owner, I do not agree with you. Tell me where in "your" rules, you find that Kerchunking is legal.

It is unnecessary wear and tear on the repeater whether you want to believe it or not, and uses power needlessly. While some fool is kerchunking, someone else may be trying to make an Emergency call.

I detest kerchunkers. To say that it is legal, invites trouble.
We don't need "carrier throwers" (CB slang) to contend with. If you want to talk, do so (if licensed) otherwise get a license and then talk. It makes no sense to just push a button. Put out a call, if you aren't answered, then either you can't hit the repeater or it is on PL on receive or some other logical reason. Find out, then try again.
I don't mean to sound condescending or to get personal, but it is these sort of answers that openly invite problems and let those who like to "play", that we'll contend with it. We don't need it. It serves no usefull purpose.
That last line was supposed to say that it'll let those who like to play "think" we'll contend with it.

A law also exists, to allow the Repeater owner(s) to carry out legal options to keep those kinds of actions from continuing. It's been tried in court already and stands. I recently used it myself.
Test Transmissions, are supposed to be made into a Dummy Load. Short "on air" test transmissions can be made, but should be done when there is assurance that no on going communications, will be affected or

interrupted. To do it for "FUN", I think not.

73,

Lou

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

1008. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-23 10:33:39 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2301950530310001@alexander.terranet.com>
Source record: 262426

In article <790799789.AA00086@rochgte.fidonet.org>,
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) wrote:

> > From: michael@alexander.terranet.com (Michael Alexander)
> > Organization: Terranet, Inc., Boston, MA, USA
>
> > It's not illegal to divulge what you hear on a scanner to a third
> > party. You're confusing that with listening to cordless telephone
> > calls.
>
> > In the specific case of police and fire are public agencies: You have
> > the right to listen in all you want and to talk about it all you want
> > to anyone you want. No, the newspaper is not bending any law in any
> > way; no it is not a loophole.
>
> WOW! Where do you get your [mis]information? It most certainly is
> illegal in the USA to divulge intercepted radio transmissions to third
> parties. Read Section 705 of the Communications Act of 1934.

I have. You apparently have no clue as to the origin of the law and its intent. For all intents and purposes, that law is obsolete. Obviously one can tune into FM radio and other public broadcasts using a scanner and there is obviously no restriction on divulging etc.

--
Michael Alexander
"Nils Carborundum"

1009. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-23 10:34:24 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2301950531160001@alexander.terranet.com>
Source record: 262427

In article <1970059siegman1013@EE.Stanford.EDU>, siegman@EE.Stanford.EDU (Anthony E. Siegman) wrote:

> Just in passing, in a recent (and not particularly good) movie
> called (I think) "Looking for Trouble", about a romance between a
> hypercompetitive male reporter and a hypercompetitive female reporter,
> I believe there are several scanners visible and audible in the
> newsroom -- in fact I think they're mentioned in passing as part of
> the plot of the movie.

I spotted a PRO2006 in a couple of scenes.

--
Michael Alexander
"Nils Carborundum"

1010. Re: Sony Air Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-23 11:25:02 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <790860302snz@javiaton.demon.co.uk>
Source record: 262429

In article <3fmb0g$t6i@eccdb1.pms.ford.com>
smehsen@be0581.pms.ford.com "Sam Mehsen" writes:

> Does anyone know the mod procedure for the Sony Air to receive 30MHz - 76Mhz.
> Currently the scanner has the following frequencies available.
> Air 108-136Mhz
> FM 76-108Mhz
> PB 136-174MHz
> AM 100-2100KHz

Sam,

Sory to say, I am not aware of any modifications to the Sony Air-7
or Air-8 as you probably have. Even if you could get the radaio to
accept such frequencies the RF part of the radio was not designed for
that part of the spectrum.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk (Note missing "i" in Javiation !)
\--/

1011. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-23 12:37:43 UTC
From: newton@gumby.gg.caltech.edu
Message-ID: <newton-2301950437430001@fig-ppp.caltech.edu>
Source record: 262430

In article <michael-2101951642260001@alexander.terranet.com>,
michael@alexander.terranet.com (Michael Alexander) wrote:

> It's not illegal to divulge what you hear on a scanner to a third party.
> You're confusing that with listening to cordless telephone calls.

False. Please know what you are talking about before posting such an
assurance.

The use (for profit or ...) or the act of divulging non-"broadcast"
communications has been illegal since (at least) the Comm. Act of 1934.

Also, dont forget that treaties take precedence over other laws. This
may also cover certain situations.

- mike
(temporary e-mail address: newton@starbase1.caltech.edu)
(never underestimate the destructive power of an ant)

1012. Re: PRO-43 Intermod Problem

Newsgroup: rec.radio.scanner
Date: 1995-01-23 13:09:57 UTC
From: schuster@panix.com
Message-ID: <3g09r5$nc6@panix3.panix.com>
Source record: 262431

In article <jim-200195210535@jimsmac.ttech.com>,
Jim Wayda <jim@ttech.com> wrote:
>I recently took my PRO-43 on a trip to Aurora, Illinois. The Aurora Police
>use a frequency of 155.610. This is the first time that I have used my
>scanner in this VHF frequency range. I was plagued with intermod from
>paging transmitters and had to turn the squelch all the way up to monitor
>this frequency. Has anyone else experienced this problem? I thought that a
>triple conversion receiver was not supposed to suffer from this problem.

You have just discovered the fatal flaw in the PRO-43: horrendous
intermod in VHF-hi.

Triple conversion will keep images from showing up where they don't
belong; it does not guarantee freedom from intermod.

Using an antenna having less gain might help.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1013. Re: PRO-43 charging - help please

Newsgroup: rec.radio.scanner
Date: 1995-01-23 13:14:52 UTC
From: schuster@panix.com
Message-ID: <3g0a4c$nnd@panix3.panix.com>
Source record: 262432

In article <MarkCJones.4.001DA2F1@mcjones.demon.co.uk>,
Mark C Jones <MarkCJones@mcjones.demon.co.uk> wrote:
>What is the optimum charging time for the PRO-43, and for how long should the charge last?

I use 16-18h for standard cells, and 24+ hours for high capacity cells.
You should get 4-6h use.

>I am using a 9V 800mA regulated power supply to charge 6 standard Radio Shack
>Enercell NiCd batteries within the scanner, but only seem to get about 30mins
>use before the batteries go dead.

You are using a power supply capable of supplying THREE TIMES the current
of the recommended wall cube. It is possible that, when the batteries are
dead, the rush of initial charge current can fry the current-limiting
resistor in the PRO-43 charge circuit.

>The manual is not clear in this area, so any help would be appreciated.

Remove the cells and check them when the scanner goes dead. If all but one
still have voltage, then the odd cell may be dead. Try new cells.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1014. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-23 13:24:19 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3g0am3$liu@news1.digex.net>
Source record: 262433

> "Hi,
> The cost of the mode will be about $50-$80 dollars. Can't really give many
> details right now because we're trying to sell the mod. ya know. It does
> work and may even work on other radios as well.
> Thanks for your interest.
> Andrej"

..or spend $50 - $80 for a cheap shortwave receiver that will still work better than the mod. From what I've heard, the mod will require changes to the front end to give the unit a fighting chance at hearing signals out of the intended bandwidth, but I would hesitate making those changes to my Pro-43. I'll stick to my shortwave radio for SW and Pro-43 for scanning.

Andy

1015. Anyone have import problems?

Newsgroup: rec.radio.scanner
Date: 1995-01-23 14:16:07 UTC
From: steven@sgb.oau.org
Message-ID: <D2v3Mx.256@sgb.oau.org>
Source record: 262453

Now and then I receive inquiries about "since importing cellular receiving scanners is illegal, how do I know it won't get stopped at the boarder?"

Well, I always respond with:

Since there are procedures (which customs knows of) for importing ANY non-FCC certified device, they could care less if it receives cellular or not. If it is not FCC certified, it only needs to follow the non-certified device process and not be concerned with any other rules or requirements. The device can not be certified because of it's cellular capability, but the same process for a non-FCC certified device does NOT require it be even capable of being considered for certification. There are rules such as not for resale, personal use only, limit of three units per shipment, etc.

Now, the question is ... has anyone ever failed to receive their scanner due to customs/border problems? Did the scanner *never* arrive? Was it late or delayed? I can guarantee I will not publish your names, but I would like to take tally of the number of known cases of problems for when folks ask this.

Please be honest. I am NOT with the FCC. If I had my way, I'd have the FCC disbanded tomorrow! Anyone who knows me well knows what I think of the F***ing Communication Commission. All they did was reqiure that I import scanners - since I will not buy a US model with holes in the 800 mhz, or in Icom's case, totally eliminated! Remember, it was their funding bill which caused these problems, if they had received no funding, there would be no problem - hence why I think we should get rid of the FCC. Getting rid of them would solve future problems. Supposedly they stopped the cable problems with the cable prices... HA ha ha! Is that why it still continues to rise, with the main attraction being more pay per views, and NO sci-fi or cartoon network channels (two of the known most popular requested, even cablevision said that!). When they deregulated the phone industry (improvement? read on...), they opened the door to a charge for about every service the phone company used to provide for "free" in their one monthly fee. Ie, you want a service call, that will be $35 to start, oh, directory assistance? 40+ cents per call, long distance? Take your pick as the roulette wheel spins, wheeee! I get tired of the long distance service commercials! They are AT&T vs SPRINT vs MCI vs OTHERs!

As an aside, selling used equipment is legal. Therefore, it may be legal to import for personal use, three at a time, keep it a month and resell it as slightly used, with a regular order of three units every month. Selling three used scanners per month would not constitute a commercial business and the resale of used equipment is clearly legal. Atleast the buyer would not have to handle the international ordering (ie atlantic call) and would know the unit was tested, etc. It would also be a means to obtain them in the US, legally.

Perhaps someone can refresh my memory - what's the FCC's position on the resale of non-certified, personally owned equipment? Since HAM equipment falls in this category, I think "legal".

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1016. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-23 14:25:01 UTC
From: Glen Arceneaux <ddjgwa@arco.com>
Message-ID: <D2v41q.4xI@news.arco.com>
Source record: 262443

In article <3fpp2u$m5l@news1.best.com> Jack, jdnails@best.com writes:
>I was told that the UK mod. had a step of 12.5 when scanning the cell range
>and that other than that the bandplan was identical to the US .

There are other problems such as a 9Khz step size in the broadcast band and a default AM mode in the 154 - 156 Hhz range. There may be more, but these are the ones I have observed.

>RE the bounce. Are you refering to the fact that when you turn the dial to manualy change
>the chanel it will skip over a few chls and then stop on one. If so you are probably in scan
>and if you are in [scan mode] try hitting the [scan] button until you see M.RE in the upper
>Left corner of the vfo and then try tuning the chanel with the dial.
>
> If not and if i'm way off please inform me as to what is ment by the "bounce" problem please.

I know what you are talking about, and I have also observed this "normal" behavior. However, what I am talking about was quite severe. The problem was observed when manually moving through the channels, when putting the text label on a memory location, and when selecting parameters such as MODE.

Let me give an example. Lets say I was entering a memory label. The "M" would be selected, and I want to move to "N" - this should be one click clockwise of the DIAL. Well, sometimes it would work as you expect, but often it would jump ahead to, lets say "Q." Also, at leat 30% of the time it would jump backwards to "L" ! Quite frustrating!

It was refreshing to note that the new unit I exchanged my old AR8000 for did not have this problem.

Glen Arceneaux (kg5mn)
ddjgwa@arco.com

1017. Re: AR8000 & Macintosh

Newsgroup: rec.radio.scanner
Date: 1995-01-23 14:47:51 UTC
From: Glen Arceneaux <ddjgwa@arco.com>
Message-ID: <D2v53s.59E@news.arco.com>
Source record: 262446

In article <RAlpert-2101951516340001@0.0.0.0> Robert Alpert,
RAlpert@qm.ATTAIN.com writes:
>Does anyone out there have an AR8000, the computer interface and a
Macintosh?
>

I have the interface and a Mac. I have written a HyperCard 2.2 stack to
run the AR8000.

The stack consists of several "Cards" that do the following:

Card 1 - Interactive command interface - enter a command and observe the
output. It also contructs an "MX" command from the individual parameters
to enter one-at-a-time memory locations.

Card 2 - Builds a "Search" command to enter search parameters. It also
has an interactive command interface.

Card 3 - Builds a "Scan Link" to link several scan banks and logs the
frequencies and number of
"Hits" for a scan. Great for unattended running to see if there is
activity on new frequencies.

Card 4 - Enables the entry of several frequency/label pairs for
populating a bank of frequencies.

Card 5 - General data management including:
- Browsing data banks (and printing & reporting)
- Saving and retrieving data banks to a file
- Clearing entire data banks
- Clearing selected memory locations in a sequential range in a
single bank

Card 6 - General notes

Card 7 - AR8000 command reference (thanks to Victor Healey!)

The stack does use some HyperCard 2.2 commands and therefore requires the
latest version of HyperCard(although I can generate an "application
version" - almost 1MB - that cannot be modified but does not require
HyperCard)

The stack is built around the Dartmouth serial drivers for HyperCard.

The program is more like a breadboard - it works, but it's not too pretty
to look at. If I can find the time, I will try to package it, and talk
Victor Healey into putting it on his www page.

I built the stack as a "labor of love" and would be willing to share it with anyone interested! Just give me a little time to get it in a form I can distribute.

Glen Arceneaux (kg5mn)
ddjgwa@arco.com

1018. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-23 14:54:44 UTC
From: Glen Arceneaux <ddjgwa@arco.com>
Message-ID: <D2v5F9.5D5@news.arco.com>
Source record: 262447

In article <3fs5gv$d9r@newsbf02.news.aol.com> DBF4, dbf4@aol.com writes:
>My 8000 doesn't even begin to compare to my pro-43 on low band reception.
>Cordless phones and CHP thunder in on 43 but are non existing on the
8000.
>Does anyone else have theese comparison results or is it my particular
>unit?
>Thanks

I have both a PRO43 and an AR8000. I have used the add-on Radio Shack
scanning antenna with the center-loaded coil on both units. Using this
antenna, I have found the AR8000 to be superior to the 43 in the 45 - 50
MHz range. I don't think I have ever used the rubber duck that came with
the AR8000!

Glen Arceneaux (kg5mn)
ddjgwa@arco.com

1019. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:09:03 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3g0gqfeld3@mhadg.production.compuserve.com>
Source record: 262436

If I was a Cell site owner, or for that fact SMR operator, you think I WOULD CARE if I was getting paid by the minute???
That's what is there for...

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

1020. Re: How popular is the 800Mhz band?

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:10:55 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3g0gtveld4@mhadg.production.compuserve.com>
Source record: 262437

It depends on where you are, but around here, you'll only hear some vol. firemen and bus. stuff without it...

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

1021. Re: MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:13:02 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3g0h1ueld5@mhadg.production.compuserve.com>
Source record: 262439

You can try 896 to 925 and see what you get.... If it's on a
trunked system though, that's not going to tell you alot..

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

1022. Re: Alpha programming the BC8500

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:13:40 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3g0h35$er5$1@mhadg.production.compuserve.com>
Source record: 262438

If you make a mistake, use the SRC button to backspace.

1023. Re: EUREKA!! New PRO-51 successfully modified to receive cell!

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:15:17 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3g0h65$er5$2@mhadg.production.compuserve.com>
Source record: 262440

Yes, someone else on CompuServe HamNet also opened up an 8A4 Pro51 and
was unable to find a daughterboard/brown wire. Doesn't look very optimistic.

1024. Re: PRO-43 Intermod Problem

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:18:45 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3g0hcl$er5$3@mhadg.production.compuserve.com>
Source record: 262441

Being triple conversion just means that you probably won't be plagued by images. This has nothing to do with intermod, and the Pro43 is infamous for major intermod problems on VHF-Hi.

This has been corrected in the new Pro62 and supposedly in the upcoming high end Pro60 by them changing the IF freqs. This means that they just shifted the intermod elsewhere. I've used the Pro62 and it really is very good. Supposedly, Marymac has them for $195 delivered, thru the end of the month.

1025. Re: PRO-51 Perm. Hardware MOD'S?

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:20:47 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3g0hgf$er5$4@mhadg.production.compuserve.com>
Source record: 262444

There is evidently no "brown wire" in any Pro51s. Plus, the purpose of the brown wire is simply so that you can use the Test Mode trick and get 888.96MHz in your scanner. With your scanner, there's no problem.

The "brown wire" trick is possible in late model Pro46s. But, again, it is just for enabling the Test Mode freqs that include cellular. It still won't enable you to put cell freqs into a Limit Search.

1026. Re: Super-Bearcat 2500XLT or dealer scam?

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:22:20 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3g0hjc$er5$5@mhadg.production.compuserve.com>
Source record: 262445

Like they told you on CompuServe HamNet where you also asked, it is undoubtedly a scam. Better that you put your money into a better designed scanner, the new BC3000XLT.

1027. AR8000 search band programming

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:23:48 UTC
From: rb@mtsol.mt.att.com
Message-ID: <D2v6rp.DAL@nntpa.cb.att.com>
Source record: 262448

I've tried to program my AR8000 (thru RS-232) for search bands.

When I send the command:
SEB SL160.215 SU161.565 AU0 ST5.00 MD1 AT0 TTRailRds

I get an ERROR response. Sending the same command but without the AT0 argument results in no error. However, niether of the commands seems to take effect since both the lower and upper case search bands still contain the factory installed programs.

I know the computer interface and software are working ok since I can program memory channels using the MX command (without the AT0 argument).

Also, the RX command doesn't return anything.

What am I doing wrong? I'm not using passwords and I'm in newuser mode.

Thanks!!
Rich Bantel
rb@mtgbcs.att.com

1028. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:28:27 UTC
From: bcmar@panix.com
Message-ID: <3g0hur$eli@panix.com>
Source record: 262442

Nathaniel Fredman (drno@intac.com) wrote:
: Anyone know of any interesting frequencies in the New York City area??
: Thanks.

If so, post them here, don't just e-mail.
--

Bob Cmar (bcmar@panix.com)
In New York City's Colorful and Romantic Lower East Side

1029. Re: pro2006 vs. bc760xlt

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:29:53 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.91.000F7FFC@ccm.hf.intel.com>
Source record: 262378

In article <3190730683.5316277@bitstream.mpls.mn.us> The_Beat@bitstream.mpls.mn.us (The Beat) writes:
>Path:

>>Which scanner is better, the Pro-2006 or the Bearcat 760xlt? What is a good
>price for either?

>>The 2006 is a much better scanner.

>I have a 760 and am happy with it. Can you explain the
>differences/advantages of the 2006?

I have a 760 and the 2005. Besides the fact that the 2006 has more channels and banks (mine has 6400 channels in 160 banks -mod), the 2006 has a much better RF section. It is sensitive, but does not overload easily like the 760. True, the 2006 does not have service search, but I don't see the point of scanning random services, not knowing who I'm listening to. The size of the 760 makes it a great mobile scanner, but if you drive around metro areas, you will get intermod on lots of channels (unless you use the CTCSS board).

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1030. Re: How to clone a cell phone so 2 have same number

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:48:24 UTC
From: ed_velez@smtp.svl.trw.com
Message-ID: <ed_velez-2301950848240001@macj703.svl.trw.com>
Source record: 262454

In article
<Pine.SGI.3.90.950121023728.11436C-100000-100000@umbc8.umbc.edu>,
pacholczyk gregory <gpacho1@gl.umbc.edu> wrote:

>On Tue, 17 Jan 1995, Jay Potts wrote:
>
>> Keywords: How to clone a cell phone so 2 have same number
>> Does any one know how to clone a cell phone so that I will end up
>> with 2 on the same number. I seem to remember reading about it somewhere
>> or seeing an add offering the service.
>>
>>
>> Thanks
>> J. Potts (jpotts@wca001.den.mmc.com)
>>
>>
>I've got the software and manual to do it if your interested. Contrary
>to any myths, it is perfectly legal to clone your own cell phone. it's
>so simple a 5 year old child could do it in less than 15 min..
>-G

Yup, it's still legal to do you OWN phone, but since the Cellular carriers
cannot distinguish between good guys and illegal cloners out to make a
buck, they have begun installing hardware to combat any type of cloning.
RF fingerprinting is now in use in some parts of the country, so the
cloned phone will be useless. Really not worth the effort. Too bad the
cellular carriers just wont allow you to have an "extension phone" like
the local BOCS do. You could have 2 phones, with 2 numbers, one forwards
to the other adn you only have one phone bill.

--
Cellular fraud is a one million dollar a month crisis for the cellular carriers. Our goal
is to make it $0.00 a month.....

1031. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:50:58 UTC
From: drice@enuxsa.eas.asu.edu
Message-ID: <D2v80y.72G@ennews.eas.asu.edu>
Source record: 262467

In article <790799789.AA00086@rochgte.fidonet.org>,
David Stark <David.Stark@p2.f333.n2613.z1.fidonet.org> wrote:
> WOW! Where do you get your [mis]information? It most certainly is
>illegal in the USA to divulge intercepted radio transmissions to third
>parties. Read Section 705 of the Communications Act of 1934.

What's really strange is that in the USCS and USCA (United States Code Source, United States Code Annotated, respectively), there is mention of a court decision that stated that oral communications via radio carry no reasonable expectation of privacy, and are therefore not protected by this act (or something like that). Another case, however, stated that when the act was passed, its intent was to protect public service agencies from having their radio transmissions divulged by anyone, including the media.

Go to a law library and look up 47 USCA (or USCS) 605 and read all the annotations. It will make this whole issue even more confusing than it already is.

By the way, I am NOT a lawyer. Only a lawyer can give legal advice. I'm an electrical engineering major. I cannot give legal advice, and nothing in this message is to be construed as being anything other than the mindless babblings of someone who stumbled into a law library and read some books. If that's not enough of a disclaimer for you, then I would suggest that you disregard this message completely, because it has no meaning or weight in the "real world".

One more thing, whether it is illegal or not, I personally think it is pretty irresponsible to divulge information heard on a scanner. When the agency is ready for details of an incident to be released, they will release them. Until then, it is safe to assume that they don't want the non-scanner owning public to know about it.

--
David Rice | WWW Home Page - http://enuxsa.eas.asu.edu/~drice
<drice@asu.edu> | Contains info on deafness, science, weather, and more!

1032. Re: Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-23 15:55:48 UTC
From: harkness@wsuhub.uc.twsu.edu
Message-ID: <1995Jan23.095545.1@wsuhub.uc.twsu.edu>
Source record: 262450

In article <3fkkvn$puf@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu (Les Butler)
writes:
> In article <3ficgm$4j4@yoda.Syntex.Com>,
> Marshall Warner <mow@hpsyvae1.syntex.com> wrote:
>>I have a Bearcat 2500XLT and I want to improve my reception for all bands.
>>If I put a RS Discone in my condo attic will I see marked results? I'm
>>not too concerned with cordless reception. Thanks in advance.
>>
>>--
>>
>>^^
>>mow@hpsyvae1.syntex.com +========+
>> | |
>> | |
>> +---+ +---+
>> | | | |
>>bass-o-matic +---+ +---+
>>vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
>
>
> The answer is Yes, you will see a marked improvement. One of my antenna's
> in my attic is a R.S. Discone using a C.B> whip mounted to the center
> stud of the $59.95 Discone. The center whip improves the antennaa low
> band reception 25-100mhz. Actually it gives the antenna 25-100, it's
> pretty poor without it. I also use Belden 9913 coax which helps. As long
> as your attic is mainly wood it will be ok, it it has a lot of metal in
> the roof your improvement may not be so great My attic is pretty full
> with the aforementioned discone, the cheap R.S. discone, a T.V. antenna
> mounted sideways (For vertical polarization) and a 80 ft wire dipole for
> shortwave. Looks like I'll have to put the next one outside.<G>
>
>
> Les
> --
> Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
>
> lbutler@umcc.umich.edu Compuserve 72673,321
>
> Ham Callsign expected in Feb. Have a great Day!
>
>My AR8000 will arrive in a few days and I plan to put a Discone in my attic
within a few days to boost my reciption. Any advise on what I should buy
or instilation. What is the max. length of coax I can run before I have a
problem?

<< Klent Harkness Harkness@WSUHUB.UC.TWSU.EDU >>
>> SomeWere In The Middle <<

1033. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-23 16:24:11 UTC
From: dcomer@mack.rt66.com
Message-ID: <3g0l7b$rur@mack.rt66.com>
Source record: 262451

: > "Hi,
: > The cost of the mode will be about $50-$80 dollars. Can't really give many
: > details right now because we're trying to sell the mod. ya know. It does
: > work and may even work on other radios as well.
: > Thanks for your interest.
: > Andrej"

After having my e-mails answered promptly from Andrej and hearing his explaination of what's going on (he sounds like alot of us "Midnight Engineers"), I think I'll reserve any further judgement on what he is able to produce written or otherwise, not on rumors.

1034. Re: AR8000 Keyboard

Newsgroup: rec.radio.scanner
Date: 1995-01-23 16:58:47 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <790880327snz@javiaton.demon.co.uk>
Source record: 262456

In article <653092736wnr@holodeck.demon.co.uk>
David@holodeck.demon.co.uk "David Somen" writes:

> Having had my AR8000 for a few months now I can honestly say that it has not
> had any real heavy use. Handling of it's keyboard has been light.
>
> I have noticed though that the 'ENTER' key, 'LEFT' and 'RIGHT' arrow keys have
> started to fade.
>
> I hate to think what would be happening by now if it was handled heavily!
>
> Have any of you had similar experiences with the AR8000 or other scanner and
> if so what have you done to overcome this problem.
>

Hi David,

The AOR case may with the plastic window may help.

Other than that.....(starts thinking out loud)....maybe some nail varnish
over the numbers may prevent wear..dunno ?

Last resort: Obtain a spare key pad (they are one moulded piece) and
replace it when things get too bad.

The MVT-7100 has a similar keypad - I can recall only one instant where
the numbering got so bad a replacement was needed.

--
Cheers,
/---\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk (Note missing "i" in Javiation !)
\---/

1035. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-23 17:11:11 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.231.000B300F@chevron.com>
Source record: 262452
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2u9Cs.Iqn@news.hawaii.edu> jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>>FCC rules part 97.403
>>Safety of life and protection of property.
>>
>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> ^^^^^^^^^^^^^^^^

>So before you use your HT out-of-band to call for help you'd better
>make sure none of the following are nearby: pay phone, cellular phone,
>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>someone within shouting distance who could summon further help,
>signalling mirror to signal an overhead airplane. Otherwise, no
>fair grumbling if your HT gets taken away and you receive a NAL.

In the case given as an example from Southern California, I don't beleive an NAL was issued. The FCC didn't seem to have a big beef with the operator. I heard it was the Sherriff that decided the radio was to be confiscated. I myself would not be one that would surrender any of my equipment unless the local L.E. official could show what authority he was using. A badge isn't enough authority to confiscate any property without due process.

It was unfortunate that the FCC didn't seem to see fit to step in and preempt the local authorities.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1036. Pro 46 scanner & 2 meter HT for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-23 17:42:54 UTC
From: stewart@crl.com
Message-ID: <3g0pqu$ol7@crl3.crl.com>
Source record: 262455

I've got a Pro 46 scanner for sale. It's a 100 channel scanner and CAN be easily modified to recieve cellular. I'll take $150.00 for it.

I've also got an HTX-202 2 meter ham radio for sale. It works perfectly, but looks well worn. It's got 16 memories, tone squelch, tone encode, DTMF memories (four, I think), etc, etc, etc. Great rig with an amazing reciever. I'll take $130 for it.

E-mail me if you are interested in either or both.

Stewart

1037. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:16:08 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D2vEqx.61A@boi.hp.com>
Source record: 262375

DctrHappy (dctrhappy@aol.com) wrote:
: Is it possible to start a radio station and simply broadcast it over a
: cell phone (paying for the time of course)? Obviously this would only
: cater to those w/ scanners. Or would you have the gmen at your
: doorstep..?

I thought of this idea about a year ago, and I called it Pirate Cell Radio. If you own the cell phone and pay for the air time, you could legally transmit anything for as long as you want - for godsakes it's your telephone! I never tried it, and I don't even own a cell phone, but my idea was to do this say every Friday from midnight to 2am. It would be nice if you could "grab" the same freq each time, like 876.000 or something clever like that. Anyway, I posted the idea to this group about 6 or 8 months ago, and I still don't know of a single station in any city doing this. I think it's a great idea. You could do commentary, play tapes, etc. I think you could even transmit a copyrighted show (rebroadcast a football game, for example) since it's your private phone, but I am not sure. I would not recommend re-transmitting any police radio channel, etc., although police who use cell phones often leave the police radio on in the background, don't they?

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 5) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 230 \ \ \ _\/
_\/

Even on cold days, it takes less time to start my car
and get heat than it takes to boot my personal computer.
- jqt -

1038. Re: ftpmail@exchange.tlh.fl.us: Not working?

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:26:27 UTC
From: qx01820@inet.d48.lilly.com
Message-ID: <1995Jan23.132627.3815@inet.d48.lilly.com>
Source record: 262457

In article <D2tq8M.AnD@crash.cts.com>, knight@crash.cts.com (Jonathan Bulliung) writes:
> I used the ftpmail address for scanner mods a few times, but now
> it seems not to be working. Anyone know whats up? I've been reading
> constantly all the newsgroups and I don't think there was any
> announcement about it. If anyone could fill me in, thanks!
>
> Jonathan Bulliung
> Knight@ctsnet.cts.com
>
You arent the only one, I've been trying too and not getting any response.
I could kick myself now for misplacing the Pro-43 mods I got a few months back.
Funny thing is, the request isnt getting bounced, it just disappears into the
ether.

Kai

1039. Re: Wanted- LA & Sand Diego Co. Freqs. Please

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:28:46 UTC
From: qx01820@inet.d48.lilly.com
Message-ID: <1995Jan23.132846.3816@inet.d48.lilly.com>
Source record: 262458

In article <mbsokol-2201950932480001@host-87.dialup.winternet.com>, mbsokol@winternet.com writes:
> I will be travelling in the LA and San Diego County areas in the near
> future and would like a listing of any local and county-wide scanner
> freqs. that are availabe for posting. Thanks in advance. Mike.

What in particular are you looking for, I have a book an inch thick full of frequencies specific to San Diego.

Kai

1040. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:29:51 UTC
From: sakumar@cisco.com
Message-ID: <3g0siv$526@cronkite.cisco.com>
Source record: 262459

Mickey Henniger (henniger@cisco.com) wrote:

: Let's see, an hourlong program at $.20 / Minute = $12 per hour.

It is even cheaper! GTE Mobilnet in the SF Bay Area has "Unlimited Weekend Calling" for an additional $15 per month. So, unless there is a catch, one could "broadcast" for over 200 hours a month (on weekends) for a mere 15 bucks.

1041. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:31:40 UTC
From: feedle@kaiwan009.kaiwan.com
Message-ID: <3g0smc$hka@kaiwan.kaiwan.com>
Source record: 262462
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Curtis Wheeler (cgwh@chevron.com) wrote:
: In article <3f6hee$hr6@macs.mxim.com> hall@macs.mxim.com (Hal Lillywhite) writes:

: >I'm happy to say, you are wrong. My FCC rule book is home so I
: >can't give you the exact chapter and verse but the FCC specifically
: >allows these transmissions in an emergency. Furthermore, congress
: >has given the FCC exclusive power to regulate radio transmission so
: >this overrides any local laws to the contrary. If you insist I will
: >look up the rule and post it.

: 97.403 Safety of life and the protection of property.
[rest of Part 97 deleted]

If my memory serves me properly, there was an incident in North San Diego County a while back where an amateur used his (modified) radio to summon assistance by transmitting on the local police frequency in an emergency.

I seem to recall that while there was no FCC-related problem, the local sheriff's department did end up confiscating the radio under local ordinance. Regardless of what the law says, local government can and does pass RF-related laws, and does enforce them (scanner bans anyone?). Up until recently, the FCC hasn't cared about pre-empting local communications law. Perhaps this is changing under pressure from the cellular business and broadcasters...

(I also remember that the radio was eventually returned to the amatuer..)

Chris Sullivan feedle@kaiwan.com 714-648-9433 (Voice Mail)
Kaiwan Customer Service 714-638-2139 (9 - 5:30pm)

1042. Re: EUREKA!! New PRO-51 successfully modified to receive cell!

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:47:15 UTC
From: atfnut@indirect.com
Message-ID: <D2vG6r.M8w@indirect.com>
Source record: 262460

Jamie Branson (jmb1@freenet1.scri.fsu.edu) wrote:

: I would just like to take this time to thank Mickey Henniger for
: the posting of his Pro-46 mod (the "Brown Wire Method"). I never
: thought I'd see the day when I would look down at my 1 week old Pro-51
: and see 888.960MHz displayed. This mod worked on the following Radio
: Shack Pro-51 scanner:

: model #: 20-308
: FCC ID: AAO20-308
: Serial #: 45000189
: 7a4

: Hahahaha... and an "Orange sticker on the bottom of the box", so
: the clerk knows it's legal to sell..

: Thanx,
: Jamey

How about reposting that mod. Thanks

1043. Fried PRO-43 ??

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:48:37 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <D2vG93.3B7@melpar.esys.com>
Source record: 262466
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am posting this for someone without "write permission".
Please respond to "AJENKINS@bss1.umd.edu" and cc to jwierzbicki@melpar.esys.com.

{minor snippery} I purchased a Pro-43 before Christmas and yesterday when I turned it on, all 200 of my channels that I had programmed were gone (Batteries were fine). When I tried to reprogram the frequencies I could only program the digits to the left on the decimal point. Everything I tried to enter after the decimal point was made '0'. e.i. I tried to program 453.5750 and the only thing that was accepted was 453.0000. Any suggestions on the problem? I also just found out that I was plugging my DC adaptor in the car into the charging jack instead of the power jack. I was told to do this by a RS employee. WHen I looked back over my owner's manual it said the complete opposite. Have I made a major mistake? Is this covered under the warranty? Thanks.

1044. Re: Own a RS PRO-2032 ? Did you do the mod ?

Newsgroup: rec.radio.scanner
Date: 1995-01-23 18:50:02 UTC
From: ChristopherCasson@upl.com
Message-ID: <3g0toq$1bq@uplherc.upl.com>
Source record: 262464
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3f6733$crb@hera.cc.bellcore.com>, kuehn@hera.cc.bellcore.com (bandyopadhyay,asism) says:
>
>Hi,
> I am new to scanning. I got a RS 2032 recently.
>I would like to hear from people who own this model
>and have done the diode mod. Thanks - asis

I happen to have the same model. I get a lot of enjoyment
out of it. I'm looking for a source of modification, as my
unit is stock. Could you share what info you have on modifacations?

Thanks - Chris

1045. Pro-46 - Strange problem

Newsgroup: rec.radio.scanner
Date: 1995-01-23 19:20:28 UTC
From: murple@clark.net
Message-ID: <3g0vhs$qpk@explorer.clark.net>
Source record: 262463

I recently purchased a Pro-46 scanner, one of the ones with the 5A4 sticker. I read the file on the keypad mod to get the 66-88 and upper 800 gaps restored, and tried it... it worked fine. Then I read some recent posts here about how it should not have worked due to this modem having an add-on device to disable it. I decided to open it up and see if it did indeed have this add-on. I opened it up, took off the top (radio) board... the board underneath had a large copper-colored shield soldered to it. I lifted it at two corners (the top/antenna end) by just pulling it up (the shield wasn't damaged). I saw that I did in fact have the add on device. I put it all back together, and didn't modify anything.

Later, I decided to see what other test modes there might be, so began turning the scanner on while holding down 2 + 9 plus other keys (manual, scan, lockout, prog, etc)... My stored frequencies were erased (no big loss I thought), and I didnt find anything interesting.

Then, I decided to give up and turned it on holding down 2+9+LockOut... nothing. The keypad mod no longer works! Ive lost the 66-88 and upper 800 blocked frequencies and can't get them back. The only hardware "modifications" made are that the shield is not soldered in 2 corners... Could one of the other keypad modes I tried (2+9+manual programmed frequencies in 1-20) have somehow activated the add-on device? Has anyone else had this problem? Short of disabling (what I believe to be) the add-on device, does anyone know how to re-enable the 2+9+L/Out mode?

1046. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-23 19:47:13 UTC
From: mupmw7@uxa.ecn.bgu.edu
Message-ID: <3g1141$rm5@news.ecn.bgu.edu>
Source record: 262461

```
-- Many more of the police agencies are steering more and more towards
"plain-english" radio communications due to the vast differences in 10 codes
as well as whatever other codes mre being used by that PD. In the next 5
years its possible there will be no more 10 codes with the push to get all
departments on-line with each other.
Personally, I prefer plain english anyway, although I do know all the 10
codes for my PD.
|------------------------------------------------------------------------|
Peter M. Woolsey, Jr. Western Illinois University
(E-mail: mupmw7@uxa.ecn.bgu.edu)
"I don't want the world, I just want your half."
-They Might Be Giants
|------------------------------------------------------------------------|
```

1047. Police Freqs Usage

Newsgroup: rec.radio.scanner
Date: 1995-01-23 20:32:04 UTC
From: Laura Quarantiello <Laura.Quarantiello@f1207.n202.z1.fidonet.org>
Message-ID: <790893124@f1207.n202.z1.ftn>
Source record: 262421

Hi, all:
Can anyone direct me to the appropriate FCC rule that states that a law enforcement agency can use any public safety freq to transmit on, provided it causes no harmful interference? I need the citation for an article. Appreciate any replies!

Take care,
Laura

1048. Pro-41??

Newsgroup: rec.radio.scanner
Date: 1995-01-23 20:49:18 UTC
From: blshaw@lamar.ColoState.EDU
Message-ID: <3g14oe$6anf@lamar.ColoState.EDU>
Source record: 262472

Hello all. I am a newbie to this interesting hobby.

I just purchased a Realistic Pro-41 handheld scanner. It was the last remaining demo model and did not have a manual, box, or any other equipment included, so I got it for $50. It works great so far. The limitations seem to be that it only allows one bank of 10 channels, and apparently has no means of just randomly scanning a band (i.e. you have to enter a frequency to change frequencies, therefore you need to know the local freqs to begin listening).

Does anyone out there have one of these? Are there any modifications for the Pro-41 (I didn't see any listed at oak.oakland.edu)? Although it does not cover the aircraft bands or the 800 MHz band, it seems to be a pretty good deal for $50.

Thanks,

Brent Shaw
blshaw@lamar.colostate.edu

1049. Re: RE:Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-23 20:57:39 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Jan23.145739@fnalv.fnal.gov>
Source record: 262396

In article <1995Jan20.204512.2095@sol.UVic.CA>, <BIKRIM GREWAL) writes:
> After I finished having a conversation on my cordless phone, I pulled
> out the telephone jack from the base unit and left the handset on. I heard the
> neighbors talking on their cordless phone and assumed that the handset was
> now a scanner in itself.

I've noticed that people that don't want phone calls, take the cordless phone
off the base, ignore the beeps and such, then the phone broadcasts anything
it picks up in the room back to the base, and around the neighborhood as well.

RC

1050. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-23 21:00:47 UTC
From: gd@RCINET.res.utc.com
Message-ID: <1995Jan23.210047.7438@cronkite.res.utc.com>
Source record: 262384

In article <3fpp2u$m5l@news1.best.com>, jdnails@best.com (Jack) writes:
>gd@RCINET.res.utc.com wrote:
>>In article <D2D44y.FIu@news.arco.com>, Glen Arceneaux <ddjgwa@arco.com> writes:
>>>I recently purchased an AR8000 at Tucker Electronics in Dallas. I
>>>discovered two annoying problems:
>>>
>>>1. The BandPlan data for the unit was UK - based. This made the "Auto"
>>>mode virtually useless for me here in the States.
>>>
>>>2. The dial selector appears to have a "bounce" problem, making the
>>>entry of channel annotation (and all entries from the DIAL) annoying.
>>
>> I also have the bounce problem with the dial selector on my AOR8000 but my
>>bandplan is a fairly good US plan (some errors though).
>>
>> Are they selling units in the US that have been cellular castrated but have
>>the UK pandplan? I thought those two operations would be done together.
>
>I was told that the UK mod. had a step of 12.5 when scanning the cell range
>and that other than that the bandplan was identical to the US .
>
>RE the bounce. Are you refering to the fact that when you turn the dial to manualy change
>the chanel it will skip over a few chls and then stop on one. If so you are probably in
scan
>and if you are in [scan mode] try hitting the [scan] button until you see M.RE in the
upper
>Left corner of the vfo and then try tuning the chanel with the dial.

No, this happens in the M.RE and VFO modes and is intermittant. Usually happens
when I first start using the knob, then gets better, as if it were a noisy
switch that cleans up with use.

Glen Drake WB1FOO

1051. Re: Packet Cluster

Newsgroup: rec.radio.scanner
Date: 1995-01-23 21:55:06 UTC
From: MVTB96A@prodigy.com
Message-ID: <3g18jq$4c10@usenetp1.news.prodigy.com>
Source record: 262405

Packet Cluster uses frequencies provided by the local police department.
You will have to check with them and see if they will give you the
information. You might check the local govt freqs listed for the town
they
may be using some of those.

1052. Re: Batteries and the AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-23 22:01:41 UTC
From: cmartin@cix.compulink.co.uk
Message-ID: <D2vp6t.4ys@cix.compulink.co.uk>
Source record: 262471

I'm getting 4.5 to 5 hours continuous from the Fuji 700mAh nicads that came with the AR8000 and that's on only the second charge. 3 hours on alkalines is NOT good !.

chris@martnet.demon.co.uk

1053. Where to get AR8000 CU-8232 ??

Newsgroup: rec.radio.scanner
Date: 1995-01-23 22:15:10 UTC
From: jbrooker@ic.net
Message-ID: <3g19pe$58d@condor.ic.net>
Source record: 262412

Anyone with info on where to get the computer interface for the AR8000 in the US (CU-8232), please send it to me.

Thanks.

1054. Re: AR8000 search band programming

Newsgroup: rec.radio.scanner
Date: 1995-01-23 22:25:34 UTC
From: Glen Arceneaux <ddjgwa@arco.com>
Message-ID: <D2vqAo.Avu@news.arco.com>
Source record: 262380

In article <D2v6rp.DAL@nntpa.cb.att.com> 120W40000-R.BANTEL,
rb@mtsol.mt.att.com writes:
>I've tried to program my AR8000 (thru RS-232) for search
>bands.
>
>When I send the command:
>SEB SL160.215 SU161.565 AU0 ST5.00 MD1 AT0 TTRailRds
>
>I get an ERROR response. Sending the same command but
>without the AT0 argument results in no error. However,
>niether of the commands seems to take effect since both
>the lower and upper case search bands still contain the
>factory installed programs.

I tried this same sequence (in fact, I did a copy & paste from this
posting), and the sequence worked on my AR8000. I'll work with it and
see if I can find something that doesn't work.

Glen Arceneaux (kg5mn)
ddjgwa@arco.com

1055. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-23 23:02:06 UTC
From: John Novotny <novotny@nosc.mil>
Message-ID: <1995Jan23.230206.15174@nosc.mil>
Source record: 262468
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

lbutler@umcc.umcc.umich.edu (Les Butler) wrote:
>
> In article <decastroD2tr5p.5qI@netcom.com>,
> Richard A. De Castro <decastro@netcom.com> wrote:
> >cliffkot@netcom.com (Cliff Kotchka) writes:
> >
> >
(bunch of stuff deleted)
>
>
> FCC rules part 97.403
> Safety of life and protection of property.
>
> No provision of these rules prevents the use by an amateur station of any
> means of radiocommunication at it's disposal to provide essential
> communication needs in connection with the immediate safety of human life
> and immediate protection of property when normal communication systems
> are not available.
>
>
>
>
> --
> Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
> lbutler@umcc.umich.edu Compuserve 72673,321
> Ham Callsign expected in Feb. Have a great Day!

Perhaps this is one of the reasons Sheriff Jim Roach is now the ex-sheriff of
San Diego! It was sure one of the reasons why I didn't vote for him.

John

1056. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-23 23:02:15 UTC
From: John Novotny <novotny@nosc.mil>
Message-ID: <1995Jan23.230215.15232@nosc.mil>
Source record: 262469
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

lbutler@umcc.umcc.umich.edu (Les Butler) wrote:
>
> In article <decastroD2tr5p.5qI@netcom.com>,
> Richard A. De Castro <decastro@netcom.com> wrote:
> >cliffkot@netcom.com (Cliff Kotchka) writes:
> >
> >
(bunch of stuff deleted)
>
>
> FCC rules part 97.403
> Safety of life and protection of property.
>
> No provision of these rules prevents the use by an amateur station of any
> means of radiocommunication at it's disposal to provide essential
> communication needs in connection with the immediate safety of human life
> and immediate protection of property when normal communication systems
> are not available.
>
>
>
>
> --
> Les Butler Fire Notification Network of Michigan "Detroit's First & Largest"
> lbutler@umcc.umich.edu Compuserve 72673,321
> Ham Callsign expected in Feb. Have a great Day!

Perhaps this is one of the reasons Sheriff Jim Roach is now the ex-sheriff of
San Diego! It was sure one of the reasons why I didn't vote for him.

John

1057. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-23 23:13:36 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.233.00113A8C@chevron.com>
Source record: 262470
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <gradyD2tEAI.1y1@netcom.com> grady@netcom.com (Grady Ward) writes:

>Fran (75471.304@CompuServe.COM) wrote:
>: An unidentified transmission of any kind is technically illegal.
>: It's illegal to "kerchunk"

>Short test transmissions need not be identified. Read the rules.
>73 KO6EB
>Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

I have - there is no exemption from identifying that I can find for "short test transmissions". This type of transmission would be considered an authorized one way transmission but still needs to be identified. If you kerchunk in order to test your radio, that's fine - but you need to id IAW the rules under which you are licensed.

The only exemption from normal IDing procedures is for telecommand of model craft.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)

1058. Can anyone read this? I can't

Newsgroup: rec.radio.scanner
Date: 1995-01-24 00:17:13 UTC
From: studebkr@gonix
Message-ID: <D2vvGp.BFI@gonix.com>
Source record: 262473

[No readable article body recovered]

1059. AR3000A Review?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 00:40:04 UTC
From: jerry@isi.com
Message-ID: <3g1i94$lb@bashful.isi.com>
Source record: 262377

Anyone know of an AOR AR3000A review on the net anywhere? If not a review, then a specification would be helpful.

1060. Re: Pro-2004 oddity

Newsgroup: rec.radio.scanner
Date: 1995-01-24 00:57:03 UTC
From: dgruber@theborg.mlb.fl.us
Message-ID: <dgruber.139s@theborg.mlb.fl.us>
Source record: 262474

In article <3fecva$ca2@solaris.cc.vt.edu>, jfair@vt.edu (John Fair) writes:
>I have a Pro-2004, which is supposed to have 300 channels. Somehow mine has
400
>, and receives cellular with ease. I think that this may be a prototype of
the
>Pro-2006, except for the cellular capability. Anyone who has any ideas,
reply.
If I remember right, radio shack made the 2004 with cellular in the begenning
but then stopped because they sold cellular phones. They did not think it right
to sell cellular phones and scanners that could receive them at the same time.
So you may have an older model or it was modified before you bought it.

That is the best I can come up with.

Darren Gruber
Palm, Bay Fl.
KE4EVN dgruber@theborg.mlb.fl.us

1061. Re: Anyone have import problems?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 01:48:17 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD2vzoI.3JH@netcom.com>
Source record: 262383

In article <D2v3Mx.256@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:

>Since there are procedures (which customs knows of) for importing ANY non-FCC
>certified device, they could care less if it receives cellular or not. If it
>is not FCC certified, it only needs to follow the non-certified device process
>and not be concerned with any other rules or requirements. The device can not
>be certified because of it's cellular capability, but the same process for a
>non-FCC certified device does NOT require it be even capable of being
>considered for certification. There are rules such as not for resale, personal
>use only, limit of three units per shipment, etc.

Mr. Bradley has been posting comments like this for quite a while now and,
dispite me asking him via private email, has never been able to back up
these assertions with citations of FCC regulations or U.S. Code sections.

Does *anyone* know of anything that will substantiate Mr. Bradley's
statements? I'm tired of hearing the same old thing without any
real reason to believe it.

1062. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-24 01:55:53 UTC
From: kim@nntp.cadence.com
Message-ID: <D2w015.DFv@Cadence.COM>
Source record: 262376

Mike Newton (newton@gumby.gg.caltech.edu) wrote:
: In article <michael-2101951642260001@alexander.terranet.com>,
: michael@alexander.terranet.com (Michael Alexander) wrote:

: > It's not illegal to divulge what you hear on a scanner to a third party.
: > You're confusing that with listening to cordless telephone calls.

: False. Please know what you are talking about before posting such an
: assurance.

: The use (for profit or ...) or the act of divulging non-"broadcast"
: communications has been illegal since (at least) the Comm. Act of 1934.

: Also, dont forget that treaties take precedence over other laws. This
: _may_ also cover certain situations.

: - mike
: (temporary e-mail address: newton@starbase1.caltech.edu)
: (never underestimate the destructive power of an ant)

I've been reading this thread for a while, waiting for someone to
write why it really is (probably; I'm no lawyer) legal for newspaper
reporters to use scanners.

The key is, as I understand it, that they do not publish what they
hear on the scanner as fact; instead, they use the scanner to unearth
interesting stories. They still have to go dig for the story, do the
interviews, background checks, etc. The scanner does not take the
place of the legwork. And therefore, by the time the story is written,
they really are not divulging "what they heard" on the scanner.

I doubt any reputable editor would allow a reporter to publish verbatim
something overheard on a scanner.

--

"Never let work interfere with your reasons for working."

Kim Helliwell

1063. Scanner freqs for LasVegas

Newsgroup: rec.radio.scanner
Date: 1995-01-24 02:28:45 UTC
From: GVRN83A@prodigy.com
Message-ID: <3g1okt$oik@usenetw1.news.prodigy.com>
Source record: 262387

Can anyone supply me with main fire and police freqs for the main strip area?

1064. Re: HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 02:29:17 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g1olt$28r@umcc.umcc.umich.edu>
Source record: 262381

In article <790799789.AA00085@rochgte.fidonet.org>,
David Stark <David.Stark@p2.f333.n2613.z1.fidonet.org> wrote:
> > From: rsharp@paul.spu.edu (Nice Guy Ron)
> > Organization: Seattle Pacific University
>
> > I am considering getting a HAM license (no code) and have no knowledge
> > about ham's other than a bit of conversation with an operator. WHere
> > should I post for dialogue or is there someone out there that would
> > mind some basic question?
>
> You can try the rec.radio.amateur newsgroup. You can obtain free
>information on becoming a ham by writing to:
>
> ARRL
> 225 Main St
> Newington, CT, 06111
>
>===
> Email replies to: david.stark@rochgte.fidonet.org
> Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
>+++
> Join the Western NY Shortwave & Scanner Listeners' Net!
>Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
> 53.33 146.925 224.58 442.8 442.9 444.7
>===
>

Post your questions on rec.radio.amateur.misc

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu Compuserve 72673,321

1065. PRO-43 freq mods (mini-FAQ)

Newsgroup: rec.radio.scanner
Date: 1995-01-24 02:39:09 UTC
From: gdallal@world.std.com
Message-ID: <D2w21A.1nG@world.std.com>
Source record: 262382

** ** Because there is a continuing demand for it, this mini-FAQ about frequency modifications for the PRO-43 will be posted occasionally until someone tells me to "get rid of it". ** **

Note: It is against the law (Electronics Communications Privacy Act of 1987, public law 99-508, amended 1994) to listen to cellular or cordless telephone communications. However, it is not illegal to own equipment capable of receiving such communications.

Which PRO-43 units can be modified?

Modifiable | Nonmodifiable
|
serial number no A in # | begins with A
FCC-ID AA020-300 | AA020-300A

There are no software modifications for the PRO-43. It is not possible to extend the frequency range of the radio by pushing buttons from the keypad. Such modifications are possible with other units, such as the PRO-51, but *not* with the PRO-43. The PRO-43, made by GRE (General Radio Electronics) of Japan, is one of Radio Shack's few triple conversion units. Radio Shack units with software modifictations are double conversion units made by Uniden.

Modification procedures for other radios are available by anonymous ftp from the pub/hamradio/mods/<manufacturer> subdirectories at oak.oakland.edu.

The PRO-43 modifications follow. There is some debate about whether step (5) is worthwhile. Many report poor reception; others report that the unit is not designed for good low band reception. So, if you trash the diode in step 4 or want to quit while your ahead, don't lose sleep over it.

Pro 43 frequency modfications

From: armille@afterlife.ncsc.mil (A. Ray Miller)
Newsgroups: alt.radio.scanner
Subject: TWO frequency mods for the PRO-43
Summary: cellular (870-890 MHz) and low band (51-88 MHz) restoration for PRO-43
Message-ID: <1992Aug20.045656.5971@afterlife.ncsc.mil>
Date: 20 Aug 92 04:56:56 GMT

A few people have mentioned the cellular mod for the PRO-43; it turns out you should not remove but MOVE the diode. Doing so allows cellular coverage as well as low band (up to 88 MHz) coverage.

Acknowledgments to Grove Enterprises; this information came from them. They are selling the PRO-43 for $300 which is $50 less than Radio Shack. I have no connection with them other than as a satisfied customer.

PRO-43
Cellular Frequency Restoration and Low Band Expansion

Note: It is not lawful to monitor cellular or conventional mobile telephone conversations.

The following procedure requires familiarity with microcircuit soldering and will violate your warranty. Grove Enterprises assumes no liability resulting from its attempt, nor will accept the modified scanner for return under any condition.

TOOLS NEEDED: Fine point, low power soldering pencil; solder wick or a desoldering tool; pointed awl, hemostats or pointed tweezers; small Philips screwdriver; solder.

1) Remove the battery, antenna and back cover (held in place by four screws).

2) Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up from the board. Carefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3) Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4) Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labeled D1-D5 above it. Only diodes D1, D2, and D4 are present; assisted by a pointed tool, unsolder and remove D4, the lone diode (this restores cellular frequencies which will be searched in 30 kHz steps).

5) Resolder the removed diode carefully into position D3 to extend low band coverage to 88 MHz.

6) Reassemble the boards, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency between 870 and 890 MHz (cellular) and 51-88 MHz (low band).
--

1066. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-24 03:01:21 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3g1qi1$d6i@mojo.eng.umd.edu>
Source record: 262379

Rick Colombo (colombo@fnalv.fnal.gov) wrote:
: I've noticed that people that don't want phone calls, take the cordless phone
: off the base, ignore the beeps and such, then the phone broadcasts anything
: it picks up in the room back to the base, and around the neighborhood as well.

This may be, but what you're probably hearing are room/baby monitors. They operate on (almost) the same frequencies and can be mistaken for what you've written.

-Alex.

1067. Wanted To Buy: Icom R-100 Receiver

Newsgroup: rec.radio.scanner
Date: 1995-01-24 03:29:40 UTC
From: kcc@BIX.com
Message-ID: <kcc.790918180@BIX.com>
Source record: 262385

I would like to buy a Icom R-100 Receiver. Please E-Mail me
if you have one you would like to sell. Thanks!
kcc@bix.com

1068. Re: NEW SCANNER NEEDED.....

Newsgroup: rec.radio.scanner
Date: 1995-01-24 03:31:05 UTC
From: thssjyh@iitmax.iit.edu
Message-ID: <1995Jan24.033105.18574@iitmax.iit.edu>
Source record: 262386

In article <1995Jan18.220221.18953@sequent.com> troy@sequent.com (Troy Wecker) writes:
>Hi,
>
>I'm ready to purchase a scanner that can go above what my old PRO-2023 can
>reach. I'd like to stay with the table top type and be able to reach
>at least 900MHz. I'm not too interested in cell freq. I've seen a
>lot of postings on the PRO-2004 (table top?) and that could be a solution
>if they can still be found (used/new). The local Rat Shackers say that
>most of the local 800+MHz stuff is trunked and may soon be "scrambled" so
>I'm not sure how that would affect my selection. I'd like to keep the cost
>below $200 if that's reasonable.
>
>What would you recommend? RS? Uniden? Other?
>

Try RS Pro-2030 (Cat. 20-407)

80 channel, 50 channel/sec (HyperScan)

Older model with FCC ID AAO20-407 could be mod. to have cell freq.
Newer model with AAO20-407A couldn't (or couldn't be mod. easily)

>Thanks,
>
>troy
>
>troy@sequent.com
>
>

1069. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-24 03:49:25 UTC
From: romulus@escape.com
Message-ID: <3g1tc5$3mv@beyond.escape.com>
Source record: 262332

Bob Cmar (bcmar@panix.com) wrote:
: Nathaniel Fredman (drno@intac.com) wrote:
: : Anyone know of any interesting frequencies in the New York City area??
: : Thanks.

: If so, post them here, don't just e-mail.
: --
: --
: Bob Cmar (bcmar@panix.com)
: In New York City's Colorful and Romantic Lower East Side

I've had the same questions myself a few weeks ago. I suggest that you
purchase "Police Call" and "Beyond Police Call" at radio shack. Police
call is packed with freq's on emergency city/county, State/Federal,
Highway Maintenance Paramedics, Forestry, Aircraft, Railroads. Since you
are looking for NYC freqs, make sure that you get Volume 1 1995 Edition,
which covers NY (NYC), Conecticut, Main, Massachusetts, New Hampshire,
Rhode Island and Vermont.

In anycase, here are some police frequencies that I find interesting:

(Manhattan Pcts 19/20/22/24) 476.3125
(Manhattan Pcts 6/10/13) 476.3375
(Manhattan Pcts 24/26/30) 476.3825
(Staten Island Pct 122,123) 476.3875
(Brooklyn Pcts 68/72/76/78) 476.4125
(Brooklyn Pcts 61/81/62) 476.4625
(Queens Pct 107) 476.4875
(Queens Pcts 104/108/112) 476.5375
(Manhattan Pcts 1/5/7/9) 476.5625
(Manhattan Pcts 14,17,18) 476.5875
(Manhattan Pcts 23/25/28/32) 476.6375

(Highway police/patrol) 450.8625

The above is just a sample of what you can get from
the books mentioned. I havn't purchased "Beyond
Police Call" yet; I will get it as soon as radio
shack has it availble. In the mean time, if you
or anyone else who has asked for NYC frequencies need
something specific, feel free to ask. Make
sure that you post here though, so that others could
share this information.

To everyone else who's helped me with my questions; specifically
Modifying my pro-43 to receive cell phone freq's, NYC freq's and others,

Thank you. I would not have known how much fun scanning could be without your help, suggestions and comments.

Now all I need is my "Beyond Police Call". In the mean time, if anyone has the freq's for the TV, Newspaper and radio Media in NYC, please post them here. I would love to pick up an unusual crime on a police freq's and then here the News crew at work to report it for the Evening News.

Rob

1070. Re: Could someone check "Beyond Police Call" for Vermont Ski pls?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 04:02:30 UTC
From: romulus@escape.com
Message-ID: <3g1u4m$3mv@beyond.escape.com>
Source record: 262333

Ian Rosenblum (HFDJ33D@prodigy.com) wrote:
: Beyond Police Call lists the following for Mt Snow: 151.745, 461.2, 461.
: 35.
:
: Snow Lake Lodge 464.575.

: Hope this helps.

: Ian

Ian, can you check beyond police call for NYC News media freq's.

Thanks for any help that you can provide

1071. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-24 04:03:43 UTC
From: decastro@netcom.com
Message-ID: <decastroD2w5y7.9B4@netcom.com>
Source record: 262394
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>>FCC rules part 97.403
>>Safety of life and protection of property.
>>
>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available. ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> ^^^^^^^^^^^^^^^^^

>So before you use your HT out-of-band to call for help you'd better
>make sure none of the following are nearby: pay phone, cellular phone,
>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>someone within shouting distance who could summon further help,
>signalling mirror to signal an overhead airplane. Otherwise, no
>fair grumbling if your HT gets taken away and you receive a NAL.

If a ham had the ability to summon appropriate aid via his modified
ht, and didn't, he would be, in MHO, a cad, and if I was the injured
party, I'd have words with him.

You example about other means is reducto ad absurdum. A simple look
around, or knowledge that he was out of repeater range (i.e. in the
wildernesss, or even rural areas) would suffice any rational test. Like
most hams, though, you've created a scenario that is bound to fail your
test. It's not a requirement to try every repeater pair, every simplex
freq, etc. It's a requirement (under the save life and limb rule) to
get help.

BTW, signalling at a plane is useless. In fact, it could even be illegal.

>Jeff NH6IL

--
==
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==

1072. Re: Which is better,Betty Bearcat or Police Call??

Newsgroup: rec.radio.scanner
Date: 1995-01-24 04:54:30 UTC
From: romulus@escape.com
Message-ID: <3g2166$3mv@beyond.escape.com>
Source record: 262388

Douglas213 (douglas213@aol.com) wrote:
: Police call is better.

: CD-ROM? Don't know.

Police call is great; a must have.

1073. bc200xlt for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-24 04:58:59 UTC
From: gregg@PLAINS.NODAK.EDU
Message-ID: <gregg.636.00BBCD2E@PLAINS.NODAK.EDU>
Source record: 262389

I have a BC200XLT with Cell restored, like new condx, used only a few hours. $175 or trade toward base type scanner with similar capabilities. (something like an AOR or Pro2005 or 2006 or BC890) I don't like/need a handheld.

I will also be getting an Icom R1 to sell in a little while. If interested in an R1, let me know.

Joe

****
Joe Gregg
Internet: Gregg@Plains.NoDak.edu
Ham Radio Packet: KN0A@W0ILO.#SEND.ND.USA.NOAM
Home: 701-588-4427
Work: 701-231-8353
****

1074. Re: RE:Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-24 05:13:26 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3g229m$hrg@globalnews.globalvision.net>
Source record: 262390

colombo@fnalv.fnal.gov (Rick Colombo) wrote:
>
> I've noticed that people that don't want phone calls, take the cordless phone
> off the base, ignore the beeps and such, then the phone broadcasts anything
> it picks up in the room back to the base, and around the neighborhood as well.
>
>
> RC

Or they have kids (or are out of it themselves) and forget to hang the
thing up when they're done talking, and you get the same result. Makes
for some interesting listening.

Scott

1075. Re: PRO-43 *400* channel mod. Corrected address.

Newsgroup: rec.radio.scanner
Date: 1995-01-24 05:17:49 UTC
From: robert@eden.com
Message-ID: <3g22ht$4cv@boris.eden.com>
Source record: 262391

please post the mod

1076. Re: Pro-41??

Newsgroup: rec.radio.scanner
Date: 1995-01-24 05:27:30 UTC
From: schapiro@twain.notis.com
Message-ID: <schapiro.1141312890A@news.acns.nwu.edu>
Source record: 262288

In Article <3g14oe$6anf@lamar.ColoState.EDU>, blshaw@lamar.ColoState.EDU
(Brent Shaw) wrote:
>
>Hello all. I am a newbie to this interesting hobby.
>
edited

>
>Does anyone out there have one of these? Are there any modifications for
>the Pro-41 (I didn't see any listed at oak.oakland.edu)? Although it
>does not cover the aircraft bands or the 800 MHz band, it seems to be
>a pretty good deal for $50.
>
>Thanks,
>
>Brent Shaw
>blshaw@lamar.colostate.edu

Thsi was my first scanner a couple of years ago. It is pretty basic and now
it stays in the car as my back up. It will scan only ten frequencies and no
priority just lock out for the ones you don't want right then. I have my
manual around somewhere send me an e-mail with your address or fax number
and I'll send a copy.

Ben Schapiro
schapiro@notis.com
Ben Schapiro schapiro@notis.com
Cuastomer Support

Unless discussing NOTIS LMS, KeyNOTIS, Horizon or some other Ameritech Library
Systems' Library Automation product, I am NOT speaking for Ameritech.

1077. WORLD WIDE WEB SCANNER SITE

Newsgroup: rec.radio.scanner
Date: 1995-01-24 05:30:07 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3g238v$1bt@hal9000.apana.org.au>
Source record: 262392
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have any URL addresses for WWW for scanner info?

Thanks matthew@hal9000.apana.org.au

PLEASE EMAIL ME!!!

1078. QUICK CHARGING SCANNER BATTERIES

Newsgroup: rec.radio.scanner
Date: 1995-01-24 05:33:50 UTC
From: matthew@hal9000.apana.org.au
Message-ID: <3g23fu$1c2@hal9000.apana.org.au>
Source record: 262393
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I use an AOR1000xlt with four 600mh AA batteries. I charge them for about 15 hours. Is this long enough?

Also, I have seen an 5 hour quick charger available so can I use it to charge these batteries even after theyve been used for several months in a normal charger.? After quick charging, can I go back to normal charging with same batteries if I need to?

Do I get same battery life?

Thanks Matthew
matthew@hal9000.apana.org.au

PS PLEASE EMAIL ME.....

1079. Wanted: 800 Mhz scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-24 06:20:28 UTC
From: scav@industry.org
Message-ID: <025556HBNUERJHPYSWVO@industry.org>
Source record: 262423

dude...go to your local radio shack. 80 channel base 800 meg scanner
159.99 go quick though....sale ends the 28 th....also a 50 channel
handheld 169.99 check em out..

scavenger

scavenger

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

1080. Re: EUREKA!! New PRO-51 successfully modified to r

Newsgroup: rec.radio.scanner
Date: 1995-01-24 06:20:28 UTC
From: scav@industry.org
Message-ID: <025549HBNUERJHPYSWVO@industry.org>
Source record: 262424

I7>You must be joking. It's been repeatedly posted on here that no internal
I7>mod is needed with the 7A4 (and I've verified this)!!!!! It's the 8A4 units
I7>with the FCC ID ending in 20-308A that would need some kind of internal mod.
I7>With the 7A4 units you just need to do an additional step with depressing
I7>keypad buttons.

well how do we do it...?
scavenger

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

1081. Re: 2006/Pro 39/2026 FS

Newsgroup: rec.radio.scanner
Date: 1995-01-24 06:20:29 UTC
From: scav@industry.org
Message-ID: <025555TKHVIIHSFYOYFN@industry.org>
Source record: 262275

IM>IP> >.... The 39 is a virtual replica of the 43.
IM>IP> > Check a '94 radio shack catalogue for the comparison. ...

IM>IP>They may "look" alike, but the PRO-39 and PRO-43 are very
IM>IP>different radios inside. The PRO-43 employs up-conversion
IM>IP>and has a high level of image rejection.

IM>not to mention the Pro-43 has triple-conversion and covers 200-400Mhz

IM>--
IM>Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

YEPPERS, triple conversion, some of the newer radio shack scanners can
still pick up cellulear too, just set your limits to 897.00 low and
906.000 you get some cellular activity..:)

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

1082. "That's clear" and "received"

Newsgroup: rec.radio.scanner
Date: 1995-01-24 06:30:26 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3g26q2$nhv@news.tamu.edu>
Source record: 262278

Here in College Station, the PD has been using "That's clear" and "received" for a few years. They don't dispatch with codes but close the call with Signal and Action codes as well. Sounds like like some kind of standardization going on. Same as Fort Worth changing what they call the fire trucks.

--
Myles Barkman KG5AI kg5ai@w5ac.tamu.edu College Station, Texas Ag '92

1083. Re: MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-24 06:40:27 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.95Jan23224029@regal.cisco.com>
Source record: 262279

Somone else suggested scanning 896 to 925. Do you concur? Do you
know how many channels this radio can operate on?

In article <3fv177$q13@newsbf02.news.aol.com> jmmorrison@aol.com (Jmmorrison) writes:

Path: cronkite.cisco.com!decwrl!gossip.pyramid.com!olivea!uunet!newstf01.news.aol.com!not-for-mail
From: jmmorrison@aol.com (Jmmorrison)
Newsgroups: rec.radio.scanner
Date: 22 Jan 1995 20:36:39 -0500
Organization: America Online, Inc. (1-800-827-6364)
Lines: 7
Sender: root@newsbf02.news.aol.com
References: <CCARTEE.95Jan22152051@regal.cisco.com>
Reply-To: jmmorrison@aol.com (Jmmorrison)

MTX9000's are Motorola trunked radios that only work in the 900mhz band.
They can be used as part of a trunked system or part of a conventional
system. There are three models: non-keypad, 6-button keypad, and full 12-
or 15-button keypad. If you're sure its a MTX9000 it is definately
operating in 900mhz.

John M Morrison, Detroit, MI
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep

1084. Re: Police Freqs Usage

Newsgroup: rec.radio.scanner
Date: 1995-01-24 07:06:18 UTC
From: David Josephson <davidj@rahul.net>
Message-ID: <3g28ta$ln6@hustle.rahul.net>
Source record: 262283

In <790893124@f1207.n202.z1.ftn> Laura Quarantiello
<Laura.Quarantiello@f1207.n202.z1.fidonet.org> writes:

>Hi, all:
> Can anyone direct me to the appropriate FCC rule that states that a law
>enforcement agency can use any public safety freq to transmit on, provided it
>causes no harmful interference? I need the citation for an article. Appreciate
>any replies!

It's not quite that simple, but 47 CFR 90.19(g)(3) reads, in part:

"A licensee may use, without special authorization from the Commission,
any mobile service frequency between 40 and 952 MHz, listed in subpart
B of this part of the rules, for communications in connection with
physical surveillance, stakeouts, raids, and other such activities.
Such use shall be on a secondary basis to operations of licensees
regularly authorized... maximum output power 2 watts... exempted
from station identification... use of Public Safety frequencies
not listed in paragrpah (d) of this section {Police Radio Service}
is conditional on the approval of the coordinator corresponding
to each frequency... Spread spectrum transmitters may be operated..."

--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

1085. San Ramon, CA Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-24 07:36:56 UTC
From: rwillis@popper.pacbell.com
Message-ID: <rwillis-2301952336560001@rawillis.vip.best.com>
Source record: 262286

Can anyone provide a listing of freqs for the San Ramon, CA area?

These are not available (due to the small population) in the standard
frequency publications. Thank you.

Rudy A. Willis
Pacific Bell Information Services
rwillis@popper.pacbell.com

Comments and thoughts posted here are my own,
and do not necessarily reflect those of my employer.

1086. Re: HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 12:23:53 UTC
From: "Insert username here"
Message-ID: <Insert-2401951223530001@kjohnston-mac.qualcomm.com>
Source record: 262395

In article <3fseu4$7v0@adam.spu.edu>, rsharp@paul.spu.edu (Nice Guy Ron) wrote:

> I am considering getting a HAM license (no code) and have no knowledge
> about ham's other than a bit of conversation with an operator. WHere
> should I post for dialogue or is there someone out there that would mind
> some basic question?
>
> Thanks.

Ron; Ask away...keith johnston WA6BOO San Diego, CA.

kjohns@qualcomm.com

1087. AOR8000 - Undocumented Feature ?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 13:32:17 UTC
From: mellerso@uga.cc.uga.edu
Message-ID: <mellerso.52.0029090C@uga.cc.uga.edu>
Source record: 262399

When I wrote my review of the AOR8000, one of the complaints I had was band surfing with the AOR8000 in the SW bands. If the step is set to .05 for USB/LSB/CW, it gets pretty tedious turning that rotary knob around and around. Well, it seems that if you push the Function button while turning the rotary tuning knob, the tuning increment will increase by 10x. This does not appear to work with the up and down slewing buttons. I keep my unit set so that I don't have to keep the function key pressed when selecting the second key. So I just press Func and start turning the tuning. When finished, I press Func again to go back to the preset smaller step increment. Works great ! I guess that erases that complaint :] I did not see this in the manual, unless it was buried somewhere. If so, this is a documented feature that I over looked.

1088. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-24 14:04:49 UTC
From: jjmartin@world.std.com
Message-ID: <D2wxs1.Azx@world.std.com>
Source record: 262419
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

>No provision of these rules prevents the use by an amateur station of any
>means of radiocommunication at it's disposal to provide essential
>communication needs in connection with the immediate safety of human life
>and immediate protection of property when normal communication systems
>are not available.

Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
how can they apply to any other service. Sorry, but they can't.

Although I agree that the radio was taken illegally, Part 97 is not the
instrument (the paragraph you cited) that allows a person to use any
means of communications in another service.

I am not familiar with the rules for any other service so don't know what
they may or may not say about emergency communications. California has a
serious problem with who can do what when and where in any part of the
radio spectrum for starters, including amateur. (I'm a native of California
and would not consider for a second to go back there to live.)

Jez my $.02.

73 de wk1v
-jim-

1089. Re: Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-24 14:11:58 UTC
From: riggs@acd4.acd.com
Message-ID: <1995Jan24.141158.25140@acd4.acd.com>
Source record: 262397

In article <773471442902@gary.com> lou@gary.com writes:
>
>Is there any mods for the following:
>
>Realistic Models:
>
>Pro 2011
>Pro 2028
>Pro 42
>
>Any info would be grteatly appreciated.
----------snip----------
I have lurked in this newsgroup for about 6 months waiting for someone to reference my scanner, the PRO-2011. I know this is old technology, but I would be interested in any mods available for it, especially those that involve holding down certain keys when you turn the scanner on.

And while I am at it:

I use a crystal controlled PRO-24 scanner at Winston Cup stock car races that I attend. Again I know this is old technology, but if anyone knows of mods for this scanner, I would be interested.

And Finally.....

Since I use the crystal controlled scanner at races, I need to get my hands on the frequencies the teams use as soon as possible. If someone out there has the frequencies for the 1995 season, I would really appreciate receiving them so I can get crystals ordered. Thanks!!!!!
--
Jim Riggs (email riggs@acd4.acd.com) "I may have been born at night, but it
ACD Inc/100 S Campus Dr/TH, IN 47802 wasn't last night."-unknown. The above
"If you follow me long enough we opinions belong to me, not to ACD Inc.
will probably end up at a racetrack." Go Rusty & Rahal-MGD#2 & #4! Da Bears!

1090. pro43 15-1000MHz mod!

Newsgroup: rec.radio.scanner
Date: 1995-01-24 14:18:47 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3g3287$1bt9@tiger1.ocs.lsu.edu>
Source record: 262400

Email Andrej at:
x91sensnovis@wmich.edu
for more information.

Hi all and thanks for the overwhelming response to our post of PRO-43 15MHz-1000MHz. This Mod was created about two years ago to recieve below 30MHz and 500-800MHz. The man who created this is writing this post with me now (Al N8KLI). We will try to answer as many questions as possible with this post.
This mod. is a combination of hardware and keypad entry used to evade the CPU's band edge program parameters. This mod only functions on "older" "cellular modifyable" radios. (If the newer ones do end up being modifyable it may work on them as well) This mod may be applied to other similar generation radios unfortunately not the PRO-34. The PRO-43 was chosen for this mod because you can choose your mode of reception i.e.AM or FM. This mod does not allow the user to program memory channels with out of band freqs. The only way to get to your intended target freq. is in search mode.
(No direct entry)
To help convince some of the doubters out there here are some particulars. Some questions have been raised about the radio's ability to even recieve these freqs. If you think about it, it already goes down to 30MHz and up to 1000MHz dropping down an additional 30MHz is not enough to upset the VCO, the first I.F. is at around 610MHz.
Lets try to simplify this, basically if you are recieving 30MHz the first local oscilator is at around 640MHz. If you are recieving 446 MHz the oscilator will be over 1000 MHz. See the pattern here? Going down to 590 KHz (a strong local AM station) is only a difference of about 5% in VCO frequency.
To improve low band reception we have removed (these are all part numbers and schematic location numbers) L101. We have added a bandpass circuit connecting the antenna terminal to L117 and C205. This was done to increase the sensitivity below 15MHz. We have also added a parallel (shunted) capacitor to C205 to mute local T.V. images.
Freq. steps are as follows:
500KHz-88MHz 5Kc
88MHz-137MHz 25Kc(in upward search)
5Kc (in downward search)
137MHz-225MHz 5Kc
225MHz-806MHz 12.5Kc
Above 806 per your radios diode configuration
The radio does have some birdies in the 600-700MHz range and will have a hard time hearing your local FM broadcast stations since there is no Wide FM mode on this radio.

We feel that shortwave is much more interesting than anything you may possibly overhear in the cell phone band. That was the original reason for this mod in the first place.
Some of you were asking about 400 channels in the words of the immortal you were asking about 400 channels in the words of the immortal seargent Schutlz "I know nothink!!!"
We should all ask ourselves why the heck didn't Radio Shack allow the full capabilities of the hardware to be used by the CPU in the first place!?!?!
Al N8KLI
Andrej KB8QGR
As for doing the mod for the general public we are small time and can't give any guarantees or warrantees other than our word that if you were to send us a working radio we would return to you a working radio. For this reason we are contemplating selling this mod to some shop with a "Name" to back up their work, or we'll just end up selling it to a magazine for whatever it's worth.

If this is sent to anyone other than dbaker@tiger.lsu.edu or dbaker.tiger1.ocs.lsu.edu please send it to him for me because an error somewhere in either my or his sys. is preventing him from reading the post from the 16th of this month. Thanks for your help
Andrej

1091. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-24 14:31:34 UTC
From: moon007@ibm.net
Message-ID: <3g3306$1jp5@news-s01.ny.us.ibm.net>
Source record: 262398

In <D2v80y.72G@ennews.eas.asu.edu>, drice@enuxsa.eas.asu.edu (David Rice) writes:
>In article <790799789.AA00086@rochgte.fidonet.org>,
>David Stark <David.Stark@p2.f333.n2613.z1.fidonet.org> wrote:
>> WOW! Where do you get your [mis]information? It most certainly is
>>illegal in the USA to divulge intercepted radio transmissions to third
>>parties. Read Section 705 of the Communications Act of 1934.
>
I'm no legal expert, but I have always believed that as long as a public service's transmission
isn't scrambled, then it's legal to record & divuldge the informtion as long as it's not used
for illegal activities or personal gain (etc). As I understand it, it would be public property
and subject to the FOI act.

So, if Fred the volunteer fireman heard a call on a scanner, then called his brother Ed (who is also one) and told him of the call, That would be illegal? Hmmmm...

Andy

1092. AR8000 remote up down arrows from Windows Terminal

Newsgroup: rec.radio.scanner
Date: 1995-01-24 14:50:37 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <3g343t$9ql@strauss.udel.edu>
Source record: 262401

All remote commands work well for me from Windows 3.1 Terminal program except for the up down arrows. Is there anything special I need to do to make them work?

Thanks.

1093. CT State police

Newsgroup: rec.radio.scanner
Date: 1995-01-24 15:06:03 UTC
From: moon007@ibm.net
Message-ID: <3g350r$68v@news-s01.ny.us.ibm.net>
Source record: 262403

I have the 42Mhz stuff for CT staters...
42.04 , 42.36, 42.28, 42.52, 42.18, 42.32, 42.20, 42.24, 42.58, 42.64, 42.68, 42.30
They also have freq's in the high band (154) as well as a 'proposed' 800mhz band.

If you want, I can send E-mail or post 'em here. Do you have any specific troop that you would like to listen to?

BTW, I have found an excellent New England sieres of freq. books to be published by a company called 'Official Scanner Guide' in Londonberry, NH. The CT guide is 350 pages, and is much more detailed than Police Call.

Andy

1094. Aor8000 for sale?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 15:07:37 UTC
From: graham@emapimag.demon.co.uk
Message-ID: <graham.41.2F2517B9@emapimag.demon.co.uk>
Source record: 262406

I have an aor 8000 which I don't use much. Since its a UK version it has all the cellular and other frequencies. I might sell it if I could get something close to what I paid for it in the UK (its as new) what'd be a fair price including mailing in the US?

Graham

1095. Local Radio Laws (was 2-meter HAM vs. Cellular)

Newsgroup: rec.radio.scanner
Date: 1995-01-24 15:10:02 UTC
From: hall@macs.mxim.com
Message-ID: <3g358a$b1t@macs.mxim.com>
Source record: 262277
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <3g0smc$hka@kaiwan.kaiwan.com> feedle@kaiwan009.kaiwan.com (Chris Sullivan) writes:

> Regardless of what the law says, local government can and does
>pass RF-related laws, and does enforce them (scanner bans anyone?). Up
>until recently, the FCC hasn't cared about pre-empting local communications
>law. Perhaps this is changing under pressure from the cellular business
>and broadcasters...

Actually, the FCC probably isn't really charged with going after the local laws. Their enforcement power is to enforce the federal law. They can't chase all the county and city councils which may pass inappropriate statutes.

The way the FCC's exclusive authority is typically enforced is:

1. Some local statute conflicts with FCC authority.

2. Some poor guy gets charged with violating that statute.

3. In court the accused (or his attorney) points out that the statute is null and void because it violates the federal law.

4. The court invalidates the local law.

You will notice that the poor guy who was accused has to bear the burden of fighting the local statute in court (possibly through the appeal process). That is a pain in the neck at best and probably costs him a lot of time and money. Everybody benefits, but the guy who fights this through the courts better be prepared to do it right. It will probably cost him much more than the cost of a confiscated radio so some people may just accept the initial local penalty rather than fight it.

It really shouldn't be that way. I wish local officials would be more reasonable. (In fact I wish all government officials would be more reasonable.) Unfortunately in too many cases some jerk thinks he can score political points by passing an illegal statute (or just doesn't know that it is illegal). The only real solution would be for voters to demand competence and fairness from their politicians. Unfortunately I don't see that happening anytime soon, too many people will vote for anyone who promises what they want regardless of the fairness thereof.

1096. PRO-43 w/400 CHANNELS HERES HOW!

Newsgroup: rec.radio.scanner
Date: 1995-01-24 15:21:47 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1995Jan24.092147.83552@kuhub.cc.ukans.edu>
Source record: 262402

Just when I think everybody must have seen my 400 channel
pro-43 mod, a new batch of folks show up who never heard
of such a thing. Aw, how the net does grow. Well, my good
buddy Dale posted my address and now my mail box runth over!
So in its 4th apperence, the next two posting will describe
how to add 200 more channels to your PRO-43.
IT IS NOT FOR THE FAINT OF HEART however.

The first posting will be the txt of the article.
This will be followed by a UUencoded GIF of the pictures.
This was published in World Scanner Report in (May?) 94.

Enjoy. I'll be glad to answers any questions about it.

BB

1097. PRO-43 w/400 CHANNELS - Part I

Newsgroup: rec.radio.scanner
Date: 1995-01-24 15:22:53 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1995Jan24.092253.83553@kuhub.cc.ukans.edu>
Source record: 262404

PRO-43 ENHANCEMENT
MEMORY EXPANSION & "FADE-AWAY" LIGHT
Brett Bennett 4/12/94
bbb@kuhub.cc.ukans.edu
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INTRODUCTION

The following document details two enhancement modifications that are possible on the Radio Shack PRO-43
scanning radio. The first modification doubles the factory standard memory capacity, allowing you to enjoy an additional
200 channels of memory, plus 10 more monitor memories. After completing the first modification, it is a fairly simple
matter to add a 7 to 10 second delay feature to the LCD back-light lamp circuit. I designed and performed these
modifications on my PRO-43 and they do work. As I understand it, there (has been/is being) presented in WORLD
SCANNER REPORT a similar memory expansion. I have not seen this modification and for all I know it is a better way of
doing it. What is presented is a 'clean-room' design of my own that to the best of my knowledge is the only one to also offer
a time-delay for the LCD back-light. Having said that, let me say:

I ASSUME NO RESPONSIBILITY FOR ANYTHING THAT MIGHT HAPPEN TO YOUR RADIO SHOULD YOU OR ANYONE ELSE ATTEMPT THESE MODIFICATIONS. WHILE REASONABLE CARE HAS GONE INTO THE PREPARATION OF THE FOLLOWING DOCUMENT, I CAN NOT GUARANTEE THAT THERE ARE NOT ERRORS.

The procedure described below is very complicated, and involves the soldering and desoldering of very tiny
components and the cutting of printed circuit board traces. While the procedure is not irreversible, it will leave permanent
scars inside your scanner. It should only be attempted by someone with moderate to advanced electronics experience. I
don't think it should be attempted by, to quote someone else, a "weekend technician." If as you read through this you feel
intimidated by the jargon and required procedures or if an electronic schematic looks like a strange piece of modern art to
you, then this might not be the 'mod' you are looking for. The following document will assume you have obtained the
materials listed below, especially the Service Manual, and you have studied the circuit in some detail. I will not describe in
great detail where every component is or where every solder point on the logic board should be placed. Having the Service

Manual, and having studied the drawings therein will allow you determine to where it is I refer.

REQUIREMENTS

1 - PRO-43 Service Manual. (Tandy Parts # MS-2000300 - approx. $6.00)
1 - CD4053 - Triple - SPDT analog switch - Surface mount package (DigiKey #CD4053BCM-ND - approx. $1.50)
2 - 93C67 EEPROMs (Tandy Parts # MX-8050 - approx. $13.00/each)
1 - 100k x 5 resistor network. Common lead type. (DigiKey # Q5104)
1 - UN2111 PNP transistor (Q1 on Logic PCB. Tandy Parts #)
1 - 1 uF 16v capacitor.
1 - 10 MOhm 1/8-1/16W resistor.
Misc.:
Wire wrap wire-30 gauge. (Radio Shack)
Grounded soldering iron with approx. 1/32" tip or smaller.
Desoldering Equipment.
Digital Volt Meter. (Used to double check your VCC and Ground connections, pre-check switching assembly)
Utility knife with fresh sharp small blade. (Needed to cut traces.)
Strong hand held magnifying lens. (Needed to check solder joints.)
+5-10 Volt bench power supply. (Used to check switching assembly.)
Anti-Static work place and grounding wrist band.
Very fine needle nose pliers, wire cutters.

THEORY

When studying the schematic for the PRO-43 one sees that the channel memory is organized using two 93C67
EEPROMS. As is common in microcomputer designs, the memory is all connected together on a common bus, with the
individual memory devices being selected with a Chip-Select (CS) control line. The 93C67 are particularly simple, in that
they are serial devices, only requiring 4 signal lines. (Data In, Data Out, Data Clock and CS) This inspired me to consider
the possibility of adding two more EEPROMs, creating in effect a second 'bank' of 200 channels. One could then,
presumably with the flip of a switch, choose between the original 200 channels, and a second bank of 200 channels. (In
theory, this could continue to 600, 800, 1000 etc. channels. In practice however, space is very tight in the PRO-43, and
getting anymore memory installed would be very tricky.)
Switching two CS lines between two pairs of EEPROMs requires the equivalent of a DPDT switch. While it might
be possible to do this with a mechanical switch, the physical implementation of this could prove to be very difficult. Rather
than use a DPDT switch, I chose to use a CD4053 triple 2 channel analog multiplexer/demultiplexer. This CMOS analog
'mux/demux' can be viewed as a triple SPDT switch. Two sections of the CD4053 are wired in such a way as to act as a
DPDT switch. The advantage being that a DPDT switch can be controlled with a SPST switch,

and no actively switching
digital signal lines need leave the area of the CPU. At this point one is still faced with the need of a mechanical switch to
control the CD4053, albeit, only a SPST switch is needed. It was suggested to me by someone on the Internet, that the
'Keylock' switch might be a good candidate. And indeed it is! While it might be nice, once in a while, to be able to disable
the keyboard, it is more than a fair trade to give this up for more memory. Thus I used the Keylock switch to control the
DPDT switch made from the CD4053.
Good design dictates that the state of all signal/control lines are always in a known state. The 93C67's CS lines are
active high leading to the need for pull-down resistors on all 4 CS lines. This insures that the 93C67's not currently being
used will have their CS lines pulled to ground. I accomplished this with 100K ohm resistors connected between the CS line
and ground. Physically I implemented this using a resistor array (SIP package) containing 5-100K resistors all having one
common lead. The 5th. resistor is used to pull-down the CD4053 control lines making up the DPDT switch. This is
necessary when the Keylock switch is in the open position (unlocked) since the line must be driven low.
This leaves a SPDT switch in the CD4053 not being used. Studying how the lamp circuit works shows that the
keyboard light switch grounds the base of Q1 to turn on the lamp. Using the CD4053 to act as the switch to ground, and
placing a large RC time constant circuit on the control line of the CD4053 will allow for a time delayed lamp modification.
Because the input impedance of the CD4053 is extremely high, a small valued capacitor and large value resistor will work.
In my design I used as 1 uF tantalum capacitor and a 10 MOhm resistor to form the RC time delay. The Pro-43's keyboard
light switch is connected across the capacitor to discharge it when depressed. This causes the CD4053 to switch on,
grounding the base of Q1. After the switch is released, the capacitor begins to charge through the 10 MOhm resistor.
When this voltage reaches approximately 1/2 VCC the CD4053 switches off, and the lamp goes out. (One caveat: When
the radio is first turned on, the capacitor is discharged and therefore a lamp timing cycle will begin with each power up.)

PROCEDURE

REMEMBER TO ALWAYS WORK AT A STATIC FREE WORK-STATION, INCLUDING THE USE OF GROUNDED SOLDERING EQUIPMENT AND THE WEARING OF STATIC REMOVAL BRACELETS.

The first step is to build the switching assembly. To build this first tin the leads of the surface mount CD4053 and
the resistor array. Following the connections shown in the schematic (figure 1), attach short (3/8" to 1/2") pieces of wire
wrap wire between the 5 resistor leads of RA1-NEW and pins 1,2,3,5, and 9-10 on the CD4053. (You should always: Size,

cut, strip, tin and trim the wire before soldering it to the CD4053. Doing this makes it fairly easy to get good solder
connections.) Connect the common lead of the resistor array to pins 6,7,8 and 12 of the CD4053. If done correctly you will
have the resistor array laying flat on its side with its leads facing the CD4053 as shown in figure 2. This makes the
assembly very thin. Inspect the solder joints with a magnifying glass, and give them a gentle 'tug' to make sure they are
securely soldered. The PCB board drawing on page 19 of the service manual is an actual size drawing. Check to see that
your assembly will fit into the area just above IC1 and to right of IC2.
Soldering to the pins of RA1-NEW, connect 4 - 2.5" lengths of wire to the resistor leads going to pins 1,2,3&5 of
CD4053 (This makes up the 4 switched lines going to the CS pins.) Connect a 5" length of wire to the resistor pin
connected to pins 9&10 of the CD4053.(This will go to the Keylock switch.) Attach a 2" piece of wire to the resistor lead
attached to pins 6,7,8 & 12 of the CD4053. (This will be the ground connection.) Attach 3 - 4.5" long wires to pins
4,15,&16 of the CD4053. These will be the two poles of the switch and the VCC connection respectively. Finally attach 2 -
5" wires to pins 11 & 14 of the CD4053 if you intend to also add the lamp timer modification. At this point you should
have a strange looking device with 11 wires sticking out of it. DOUBLE CHECK YOUR WORK AND SOLDER JOINTS
AT THIS POINT.
The next step is to check the operation of the switching assembly. Using a 5-10 volt power supply, apply power to
the assembly. Using a DVM, check to see that there is continuity between pins 4&5 and pins 15&2 while the control line
(the wire attached to pins 9&10) is not connected to anything. And also check to see there is NO continuity between pins
4&3 and 15&1. If that checks, attach the control line to VCC. There should then be continuity between pins 4&3, and
15&1 and no continuity between 4&5 and 15&2. Next check for continuity between pin 14 and ground when pin 11 is
grounded. The resistance between 14 and ground should become infinite when pin 11 is then connected to VCC. After
check-out put the assembly aside in a static proof container.
Using extreme care bend all the leads, EXCEPT FOR PIN 3, of one of the 93C67 so that they are pointing as
straight DOWN as possible . Bend pin 3 so it is sticking straight out from the body of the chip. These leads are very fragile
and I suspect they will only accept a single bending before breaking,. After the leads are bent, carefully tin all leads. Put
the EEPROM back in its carrier, and repeat on the second EEPROM. The next step is to prepare the scanner for the switch
assembly. From here on out, "The cheese becomes more binding," so work carefully and think about everything twice
before doing it!

Remove the battery compartment lid and battery. Remove the 4 case screws and the back of the case. Disconnect
the two wire connectors on the RF board. Desolder the antenna feed line and its ground connection. Remove the 6 screws
holding down the RF board and remove it from the audio board. Disconnect the speaker wire from the audio board, and
remove the 2 screws holding it to the front of the case. Separate this from the front of the case. Desolder and remove the
RF-shield from the logic board. Wash your hands to remove as much skin oil as possible! Remove the screws holding the
logic PCB. Turn the unit over, and with your hand supporting the PCB lower it from the case front. The reason for this is
that the LCD assembly will stay with the board. If during this process the LCD and its backing glass do separate, handle
them as little as possible. Also note the back-glass has a white frosted side. The frosted side, the light diffuser, is placed
away from the LCD panel. Remove the rubber keypad, and locate the two traces running to the Keylock switch. Using a
sharp utility knife, cut both of these traces near the switch, examine the cuts with a magnifying lens to make sure the switch
is severed from the rest of the board. Avoid touching the keypad contact area as much as possible. Checking to make sure
dust has not entered the LCD view area, put the logic PCB back in the front of the case and secure it with its screws.
Locate IC2 and IC3 EEPROMs on the logic board. Add to each of the pins on both chips a small amount of solder.
This will be necessary to attach the new EEPROMs. Of course you must make sure that you form no solder bridges. At this
stage I suggest you re-install the audio board and RF board. (There is no need to solder the RF shield back on, nor should
you resolder the antenna connections.) By holding the battery in place and slipping the battery lid into proper position, it is
possible to power up the radio without bothering with the case back. Check to see that all keys are functioning correctly
except for the Keylock switch, and that the display looks normal. You are now ready to begin the 'fitting' of your switch
assembly into the radio.
Locate the area just above IC1 and to the right (as being viewed from the backside of the radio) of IC2&3. There is
a relatively open space here where the CD4053 and resistor array can lay. Cut a piece of thin card board stock to be slightly
larger than the area taken up by the switch assembly. This will serve as an insulator between the logic PCB and the
assembly. Keeping the assembly in its final position, start sizing the lengths of the wires. The wires connected to pins 1&2
of the CD4053 must reach IC3 pin 3, and the wires on pins 3&5 of the CD4053 must reach IC2 pin 3. Remember when
cutting these down to leave enough extra wire for stripping, tinning and final trimming. The wire connected to pin 15 of
the CD4053 must be long enough to reach the TRACE on the PCB going to IC3 pin 3. Likewise

the wire on pin 4 of the
CD4053 must reach the trace running to IC2 pin 3. The switch control wire (pins 9&10 of the CD4053) must reach down
to outside most solder pad on the Keylock switch. VCC, pin 16 of the CD4053, is sized to reach the 82 ohm resistor R26
located next to Q1. The ground connection can be made on the large copper area under the switch assembly after scraping
a small area of solder-mask off. After the wire lengths have been determined, strip and tin the ends of all the wires and set
the assembly aside.
Using a sharp knife, cut the trace running from IC1 to pin 3 of IC2. Repeat this for the trace running from IC1 to
pin 3 of IC3. On either side of the cuts, scrape off a 1/8" area of solder mask and tin the exposed copper. Be careful not to
damage any of the surrounding traces or components. Place the switching assembly in its proper location and solder the
ground wire to the solder-mask free area you made near IC1. Attach VCC (pin 16 of the CD4053) to the top of R26.
Attach the pin 5 wire to the cut trace that runs to IC2-pin 3, and attach the pin 2 wire to the cut trace running to IC3-pin 3.
Next attach the wire on pin 4 of the CD4053 to the trace running to pin 18 (previously running to IC2-pin 3) of IC1.
Likewise connect the wire on pin 15 to the trace connected to pin 19 (previously running to IC3-pin 3) of IC1. If done
correctly you now have 4 wires running to the four 'new' connection points made by cutting the two CS line traces. Connect
the wire tied to pins 9&10 of the CD4053 to the outside (left side) conductor of the Keylock switch. Attach a new piece of
wire to the center conductor of the Keylock switch. Size and connect the other end of this wire to center lead of IC5. (IC5
is low battery detector for the CPU. The center lead of this is connected to 5 volts which is sufficient to switch the CD4053.
Later we will need to attach another connection to R26, and squeezing 3 wires to this single point would be tight so I used
the 5 volt bus for switching.)
Place the insulator under the assembly and tape a corner in place so it will not move. Cut another cardboard
insulator big enough to cover the switching assembly, and place this on top of the logic PCB. Bending the currently
disconnected wires (pins 1,3,11,&14) in such a way that they don't short to anything (or each other) , install the audio board
back in to the radio. Install the RF board and prepare to power up the radio. Making sure the Keylock switch is in the
UNLOCKED position, turn the radio on. It should begin to scan normally. (Believe me you will breathe a big sigh of relief
when it does!) Turn the radio off, move the Keylock switch to LOCKED position and turn the radio back on. You should
see it either scanning frequency 000.0000 or the frequency field will be blank, with the channel counter incrementing.
After a few seconds, the frequency number always blanked out and the am/fm indicators blinked randomly on my radio. If

you are unable to make the radio scan correctly, there is something wrong with the switch assembly or your connections.
The next step is to install the new memory. The leads on the new memory are not long enough to reach the leads
of the factory memory. Trying to solder bridge the gap is difficult accomplish without also bridging adjacent pins. The best
way I found to do this is to use tinned wire wrap wire. So the first step here is to tin about 6" of stripped wire wrap wire.
Remove one of the new 93C67s from its carrier and place it on top of IC2, making sure that the extended pin 3 is over pin 3
of IC2. Put a droplet of solder on the tip of your soldering iron. While holding down the memory with a finger, apply the
soldering iron to one of the corner pins of both ICs. The droplet should 'jump' over the gap between the pins and solder
them together. Check both sides of the EEPROM to insure that all pins are accurately aligned. For the remaining
straightened pins, proceed as follows:
While holding the tinned wire wrap wire against the lower and upper pins, apply a freshly cleaned soldering iron
tip to the gap area of the joint. The extra solder you earlier placed on the factory EEPROM will then be available to flow
along the wire and solder to the pin of the new EEPROM. CHECK the joint with a magnifying lens. After a visual
conformation of the joint, clip the wire close to the pin of the newly installed memory. If you like go back to the first pair
you soldered and lay the wire into the molten solder. Repeat for IC3.
Attach the wire connected to pin 3 of the CD4053 to pin 3 of IC2-NEW, and connect the pin 1 wire to pin 3 of
IC3-NEW. Install the cover insulator over the switch assembly and prepare for a power up. With the Keylock switch in the
Unlocked position power up the receiver. After insuring that the factory memory is still working correctly, power down,
switch to the Locked position and power up again while holding down the 0 key and the Clear key. You should now see the
radio scanning frequency 000.0000 for all 10 banks repeatedly. Press the PGM key to stop scanning and enter a valid
frequency value and press enter. Press PGM, then the DOWN-ARROW, then PGM again. The frequency you just
programmed should now be on the display. (At this point feel free to cheer! YOU have just added 200 more channels to
your PRO-43. The next step will be the icing on the cake!)
This next step requires you to lift the BASE of Q1 from the logic PCB. (I found this to be very difficult, in fact, I
ended up destroying Q1. Thus the extra Q1 in the parts list.) Desolder and lift the Base lead of Q1 from the logic PCB.
Solder together one lead of R2, the positive terminal of C1 and the wire from pin 11 of the CD4053. Also from this
junction, connect a wire to the solder pad on the logic PCB where Q1's base was connected. The area to the right of the
Keylock switch provides a space where these components can lay. Connect the base of Q1 to

the wire connected to pin 14
of the CD4053 switch assembly. The other end of R2 is connected by wire to the top of R26, this provides the charging
voltage for C1. The negative lead of C1 can be connected to the RF shield ground pad near the Keylock switch. (Check
that the RF shield will fit in place over C1. If it will not, place C1 so that its body is just below the bottom of the shield.
Insulate the R2-C1 combination with electrical tape. Tape the switch assembly's top insulator cardboard in place and install
and solder the RF-shield back onto the logic PCB. Prepare the radio for bench power up. Turn the radio on, the lamp should come on. After 7 to 10 seconds the lamp should go out. Check in a darkened
room to insure that the lamp completely extinguishes. Depress the light switch on the keyboard. The lamp should
immediately light, and stay lit for 7 to 10 seconds after it is released. Install all the remaining screws for the RF board,
solder the antenna lead and ground connections, and replace the case back.

USAGE
The light feature is self explanatory, and quickly finds itself useful in darken conditions. As noted earlier an
unfortunate side-effect of the lamp circuit design is that the lamp will illuminate for 7 to 10 seconds every time the scanner
is first turned on. (Maybe this is a feature to some.) Switching between active banks requires a little more thought. The
safest way of changing banks is to: Turn the scanner off, switch banks, and then turn the scanner back on. But sooner or
later you will switch banks while the scanner is on. When this happens you will see a curious event. The radio's CPU will
continue to scan from the previously selected banks, but the frequencies scanned will now be those from the on-line
EEPROM. This makes sense, since the CPU has no knowledge that its memory resources have been changed. Pressing the
Manual button, followed by the Scan button, will cause the CPU to reload the scan banks that were last saved in the
currently selected EEPROMs. Also any monitor frequencies that were stored are recalled. This allows you to set up two
different frequency configurations, one in each bank of EEPROM. To change between them on the fly, just flip the Keylock
switch, press the manual button, followed by the scan button. The only time I can foresee there being a problem is if some
how one were to flip the switch while the CPU was doing a write to EEPROMs. Keeping this in mind you should never
have any problems.
There are a couple of 'gotch-ya' that can happen when switching memory banks without cycling power. The PRO-
43 loads the list of all locked-out channels only when it is first powered up. (This makes sense if you think about it. While
I don't know for a fact, I assume that the Lock-out information for each channel is stored together with that channel's
frequency in the EEPROM. If the CPU didn't pre-load the list of locked out channels, it

would have to constantly re-read
each channel to determine its lock-out status.) The side-effect of this is that it can cause the radio to appear to be randomly
locking and unlocking channels when switching memory on the fly. The only realistic solutions appear to be to either cycle
power when you switch memory banks, or use Lock-outs very sparingly. The Priority channel assignment is also loaded
only when power is first applied. This can make the radio start checking the wrong frequency when memory is switched and
the priority feature is used. The best way around this problem seems to be to assign the same channel number to be the
priority channel in each memory bank.

CONCLUSION
Performing the described modification will provide the owner of an already excellent hand-held scanner, the
convenience of a total of 400 channel memories and 20 monitor locations, doubling the factory capacity for under $40.00.
It also provides a "fade away" LCD back-light with a 7 to 10 second delay. The bank switching nature of the design allows
for the user to program two unique 'personalities' into the scanner selecting between them with the Keylock switch. The
modification while complicated can be performed by any person with moderate to advanced electronics experience.

1098. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-24 15:45:51 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g37bf$7pe@umcc.umcc.umich.edu>
Source record: 262280
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2wxs1.Azx@world.std.com>,
James J Martin <jjmartin@world.std.com> wrote:
>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available.
>
>Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
>how can they apply to any other service. Sorry, but they can't.
>
>Although I agree that the radio was taken illegally, Part 97 is not the
>instrument (the paragraph you cited) that allows a person to use any
>means of communications in another service.
>
>I am not familiar with the rules for any other service so don't know what
>they may or may not say about emergency communications. California has a
>serious problem with who can do what when and where in any part of the
>radio spectrum for starters, including amateur. (I'm a native of California
>and would not consider for a second to go back there to live.)
>
>Jez my $.02.
>
>73 de wk1v
> -jim-
>
Jim,

Please read my posting. I don't think I made an interpetation of it, I
only quoted it. But now that you brought it up, It clearly states that
ANY means of communication is allowed in a life threating situation if
normal communications are available. (Since we're talking Amateur radio
here, I assume any form means, any form when normal Amateur frequencies
are unavailable.) Just a thought. I guess you can read it any way you
like, but if you really want to know e-mail the ARRL and ask for a
clarification.
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu Compuserve 72673,321

1099. Re: PRO-43 freq mods (mini-FAQ)

Newsgroup: rec.radio.scanner
Date: 1995-01-24 16:02:21 UTC
From: rjm@world.std.com
Message-ID: <D2x37y.3KF@world.std.com>
Source record: 262407

Is there a mod that adds more channels for the PRO-43?

Rob

1100. Re: PRO-51 Perm. Hardware MOD'S?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 16:29:43 UTC
From: mcolosia@achilles.ctd.anl.gov
Message-ID: <3g39tn$bl6@milo.mcs.anl.gov>
Source record: 262408

In article Jeff Goldman <76703.4224@CompuServe.COM> writes:
>There is evidently no "brown wire" in any Pro51s. Plus, the purpose of the
>brown wire is simply so that you can use the Test Mode trick and get

The two new 7A4 PRO-51s that I came in contact with did indeed have
a "brown wire."

>The "brown wire" trick is possible in late model Pro46s. But, again, it is
>just for enabling the Test Mode freqs that include cellular. It still won't
>enable you to put cell freqs into a Limit Search.

Unfortunate, but appears to be the case.

Mark Colosia
Argonne National Lab
Argonne, IL

1101. Pro-43 antenna question

Newsgroup: rec.radio.scanner
Date: 1995-01-24 16:43:14 UTC
From: wright1@ix.netcom.com
Message-ID: <3g3an2$1nj@ixnews1.ix.netcom.com>
Source record: 262409

I have a Pro-43 and have great enhancement on UHF receive when I hook it to an external ant (especially the discone). However, the VHF is actually worse. Anybody have an answer for that? I know it is nothing freaky with my radio because a friend of mine also has a Pro-43 and it reacts the same way.

Thanks,

Ken
--
from Ken Wright -
wright1@ix.netcom.com

1102. Pro46, Pro2026, HTX202 4 sale

Newsgroup: rec.radio.scanner
Date: 1995-01-24 17:16:34 UTC
From: stewart@crl.com
Message-ID: <3g3cli$q0@crl9.crl.com>
Source record: 262410

I've got two scanners and a two meter radio for sale.

The Pro 46 is a hand held scanner with 100 channels, 800 Mhz coverage and IS cellular restorable. Great shape - $150.

The Pro 2026 is a mobile scanner with 100 channels, 800 Mhz coverage and IS cellular restorable. Great shape - $160.

The HTX-202 is a two meter radio in great shape and has all the bells and whistles - CTCSS (subaudible) tone encode and tone squelch. DTMF tones and 5 DTMF memories, 16 frequency memories, etc, etc. MUCH better recieve than on my Yaseu 530! Asking $160.

E-mail me if you are interested in any of the above.

Stewart
stewart@crl.com

1103. Spectum display ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 17:18:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.95.00114EB2@ccm.hf.intel.com>
Source record: 262292

I am looking for suggestions on a good, cheap way to get a spectum display hooked to a R7000, AR3000A, or Pro-2005. I know Grove sells one, but at $500 for the unit, you don't get a real sweep display, just dots. I have seen some for about $1100 that look ok, but I'd like to keep this under $600 if possible. I do not have an O-scope, but I know there are kits to turn one into a spectum display. Anybody have experience with these type? Can used spectrum analyzers be purchased for less than $600?

Anybody have that Standard radio (AX700 as it used to be called) that has a band scope in it? Any good?

Any suggestions welcome.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1104. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.scanner
Date: 1995-01-24 17:29:37 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD2x79D.Bo@netcom.com>
Source record: 262346

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

There is a NEW DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK ....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.01 software..
easy to log in and no FEE's it's FREE !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
EOF

--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

1105. Re: Wanted: Dayton, OH Area Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-24 17:44:24 UTC
From: pwguth@aol.com
Message-ID: <3g3e9o$evc@newsbf02.news.aol.com>
Source record: 262345

I have just about any frequencies you would want for the Dayton, OH area. Can you give me an idea what specific types, or for what communities? What I particularly like to listen to is MVH Careflight, which is 462.975 and 467.975 (The control center broadcasts on the first freq, and the chopper answers on the latter). Then you can hear the chopper relaying medical information to hospitals on 155.28.

1106. 4A4 Pro-43: Modifiable or not?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 18:12:53 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1995Jan24.131253.3162@hnrc.tufts.edu>
Source record: 262411

My recollection is that there were rumors of both types of PRO-43's (modifiable: no A in serial number or at end of FCC-ID; nonmodifiable: A in serial number and at end of FCC-ID) with a manufacture date of 4A4 (April, 1994). I'm trying to nail this information down for the frequency modification mini-FAQ.

I've gotten a firm report of a nonmodifiable type (A in serial number and at end of FCC-ID)? Has anyone seen a modifiable unit with a 4A4 date of manufacture?

Thanks.

1107. Re: SF Bay Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-24 18:49:34 UTC
From: lmj@crl.com
Message-ID: <3g3i3u$qta@crl4.crl.com>
Source record: 262276

That book is also at the Sunnyvale Public Library in their reference collection.

Loretta
--
"If the World were a logical place men would ride sidesaddle"- Rita Mae Brown

"I love children, especially when they cry, for then someone takes them away." Nancy Mitford

1108. Improvements for Ramsey 800 MHz down convertor?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:08:15 UTC
From: eskin@btree.brooktree.com
Message-ID: <3g3j6v$7p1@btree.brooktree.com>
Source record: 262413
Cross-posted to: rec.radio.scanner,alt.radio.scanner

To augment my AOR8000, I just built a Ramsey 800 MHz downconvertor kit.

Unfortunately, I'm not too pleased with it's performance and was wondering if anyone has come up with any mods to improve it.

It works OK, but only seems to pickup extremely strong signals. Other 800 MHz signals that are full quieting and audible even with the squelch turned all the way up on my other 800 MHz unlocked scanner (Pro-43) do not show up at all with the convertor.

I've gone through the circuit and I've built it correctly, all the test point voltages seem good... anybody have any ideas?

I'd appreciate any suggestions at this point...

Thanks,

Michael
KC6NZK

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

1109. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:16:47 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3g3jmv$j9i@quartz.ucs.ualberta.ca>
Source record: 262414

Peter M Woolsey (mupmw7@uxa.ecn.bgu.edu) wrote:
> -- Many more of the police agencies are steering more and more towards
> "plain-english" radio communications due to the vast differences in 10 codes
^^^^^^^^^^^^^^^^

I've always thought the codes and the differences between codes of even adjacent cities was deliberate, the purpose being to confound "casual" radio eavesdroppers. Of course, most people can figure out the codes after a while without any list of codes. It is only the most naive and infrequent scanner listener who does not understand. But where will the fun of monitoring the police be if they start talking like ordinary folk? 8-)

> as well as whatever other codes mre being used by that PD. In the next 5
> years its possible there will be no more 10 codes with the push to get all
> departments on-line with each other.
> Personally, I prefer plain english anyway, although I do know all the 10
> codes for my PD.

1110. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:18:35 UTC
From: peter@Thoth.usa.3Com.com
Message-ID: <3455@bridge2.NSD.3Com.COM>
Source record: 262335

In article AA00086@rochgte.fidonet.org, David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
>
> > From: michael@alexander.terranet.com (Michael Alexander)
> > Organization: Terranet, Inc., Boston, MA, USA
>
> > It's not illegal to divulge what you hear on a scanner to a third
> > party. You're confusing that with listening to cordless telephone
> > calls.
>
> > In the specific case of police and fire are public agencies: You have
> > the right to listen in all you want and to talk about it all you want
> > to anyone you want. No, the newspaper is not bending any law in any
> > way; no it is not a loophole.
>
> WOW! Where do you get your [mis]information? It most certainly is
>illegal in the USA to divulge intercepted radio transmissions to third
>parties. Read Section 705 of the Communications Act of 1934.
>
>
and, more to the point, it's even more illegal (tm) to use anything
you hear for your own profit...like selling newspapers, or driving your
tow truck to the scene of an accident.

Peter

Peter Simpson, KA1AXY Linux! Peter_Simpson@3mail.3com.com
3Com Corporation The free Unix (508) 836-1719 voice
Northborough, MA 01532 for the 386 (508) 393-6934 fax

I speak only for myself...not 3Com...nor Canter & Siegel.

1111. Re: Can anyone read this? I can't

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:21:11 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1995Jan24.132111@fndcd.fnal.gov>
Source record: 262415

In article <D2vvGp.BFI@gonix.com>, studebkr@gonix (Michael Miller) writes:
>

Guess I can't either.

--
==
[Fermi National Accelerator Laboratory]
==
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==

1112. Re: Want to buy Pro-43

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:24:45 UTC
From: jrg@digital.net
Message-ID: <3g3k5u$700@ddi2.digital.net>
Source record: 262350

In article <3fmlm3$4s6@uucp.intac.com>, drno@intac.com (Nathaniel Fredman) says:
>
>I am interested in purchasing a modifiable Pro-43. Is it at all possible
>to find one of these units at a Radio Shack store now? Thanks for the info.
>
I bought one about 2 weeks ago from a Radio Shack in East Central Florida.
No A's in the serial no. or A's preceeding the FCC ID. A small square sticker
on the box marked 1A4 indicated that it was manufactured in Jan 94. They were
asking $289 and with a little bit of negotiation I was able to get the RS sales
guy to sell it to me for $260 with a free two pack of ni-cads. It was the last one
in the store.

1113. Modifiable PRO-43 4Sale. New and in box.

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:25:55 UTC
From: dalegadd@aol.com
Message-ID: <3g3k83$fnq@newsbf02.news.aol.com>
Source record: 262416

I have eight PRO-43's remaining, new with manuals and in original boxes --
all manufactured in 1993 before the CPU block was implemented. All have
FCC ID numbers without the trailing A and all have production codes that
end in A3 (5A3, for example).
Yes, you might still find one in your area and you might even find
one on sale (Reg. $350 plus tax, sale usually $289 plus tax). In many
areas of the country the modifiable PRO-43's are no longer available. My
price is $325 plus COD charges. There are ways for you to verify who I am
and I can put you in touch with members of this newsgroup who have
purchased one of the scanners from me. Please email me if interested.
Dale Gadd
Dept. of Mass Communication
McNeese State University
Lake Charles, LA 70609-0335

1114. Antenna

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:38:25 UTC
From: trample@gaul.csd.uwo.ca
Message-ID: <3g3kvh$n6s@falcon.ccs.uwo.ca>
Source record: 262417

[No readable article body recovered]

1115. Antenna

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:43:06 UTC
From: trample@gaul.csd.uwo.ca
Message-ID: <3g3l8a$nrh@falcon.ccs.uwo.ca>
Source record: 262418

Can someone please suggest a good scanner mag mount antenna for cars?

I think I remember someone mentioning a cellular-look-alike that worked good.

Ken

1116. Automotive holder for handhelds? (and quake)

Newsgroup: rec.radio.scanner
Date: 1995-01-24 19:45:59 UTC
From: x400.den.mmc.com
Message-ID: <x400.den.mmc.com-240195124451@160.205.36.234>
Source record: 262420

In article <3fpn97$rl7@nntp.crl.com>, Victor Healey Ki4je <vhealey@crl.com>
wrote:
I used velcro and attached it to my dash board. It holds very secure even
over rought terrain

>
>
> > A word of caution: I purchased a similar device and thought it would
> > work great, but after installing it realized it interfered with my stick
> > shift. Some floor mounted automatics might also get in the way. I
> > puchased mine locally and was able to return it right away, but if you
> > order by mail and have a shifter that might get in the way, you might
> > want to investigate this potential problem first.
> >
>
> Bummer I went ahead and ordered it after I checked
> Rat Shack. I had seen something that looked like it when
> wandering around the store. Turns out it may be similar
> but theirs bolts to the vehicle and has no power supply
> option.So I ordered out of the 1-800 number. How much did you
> pay and was it sturdy enough for a scanner or ham ht?
> If worst comes to worst I can use it with cell phone.
>
> Vic Healey
>
> PS
>
> Quick pointer to Japanese Quake Info placed on ar8000 & more page
> for those looking for pictures, list of injured and other info.
> ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.htm
> The pointer is temporary and wil be deleted when interest in the
> quake dies out. Also saw that NBC news tonight said that
> Calf quake certainty updated today. I vote that uninsured
> people who choose to live there do not get any government
> handouts to rebuild in the same area. If they want to be made
> whole after the certain destruction they must carry their own
> insurance before hand. IMHO
>
> Sony hit by quake. See chain of pointers.

1117. FS: PRO-2022 WITH CELLULAR

Newsgroup: rec.radio.scanner
Date: 1995-01-24 20:25:00 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-2401951625000001@157.176.66.38>
Source record: 262282

I have a Realistic PRO-2022 that includes full 800-900 Mhz continous coverage. The reason that I am selling this Scanner is that I have upgraded to a more expensive unit with more features. The unit is a home/mobile unit with 110 VAC as well as 12 VDC capability. This unit is in excellent condition.

I will ship the PRO-2022 in its original box with antenna and manual for $200. The unit originally sold for $299.95 at Radio Shack. Please reply via E-Mail or call me at 508-880-4292.

Thanks and 73s,
Ed--AA1IN.

1118. Re: Ar8000 Problems!

Newsgroup: rec.radio.scanner
Date: 1995-01-24 20:34:01 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD2xFsp.77o@netcom.com>
Source record: 262422

In article <1995Jan23.210047.7438@cronkite.res.utc.com> gd@RCINET.res.utc.com writes:

>No, this happens in the M.RE and VFO modes and is intermittant. Usually happens
>when I first start using the knob, then gets better, as if it were a noisy
>switch that cleans up with use.
>

In my case, this "bounce" problem happens whenever I use the rotary dial
on the top of the radio.

For example, lets say I just punched in the frequency of the local
county sheriff and want to set the text label to "SHERIFF". Assuming
the current character is A and I want S, I turn the dial clockwise and
expect to get the following sequence:

A-B-C-D-E-F-G-H-I-J-K-L-M-N-O-P-Q-R-S

On my radio I get:

A-B-C-B-A-B-A-A-A-B-B-C-D-E-D-C-B-B-C-B-C-B-A-B-B-C-D-E-E-C

This makes entering text labels, selecting a memory channel, or tuning
the VFO with the dial nearly impossible.

And unlike yours, mine never gets better no matter how much I use the
dial.

1119. Las Vegas Freqs again please.

Newsgroup: rec.radio.scanner
Date: 1995-01-24 21:06:23 UTC
From: odonnel@nevada.edu
Message-ID: <3g3q4f$9p@news.nevada.edu>
Source record: 262284

Greetings,
I noticed that the second request that I posted didn't post so if you're reading this for the third time i apologize.
I know some of you sent me freqs for the Las Vegas area but I had a system foul so I lost all of them. If you could send me them again I would be gratefull. I'm at odonnel@nevada.edu

Thank You very much for your time and patience.
Chris

1120. Re: Pro43 4SALE

Newsgroup: rec.radio.scanner
Date: 1995-01-24 21:13:19 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6062@rook.ukc.ac.uk>
Source record: 262281

In article <93.2315.7592.0NFB8D27@woodybbs.com> wayne.suite@woodybbs.com (Wayne Suite) writes:
>If it is the same model PRO-43 I have I would'nt call it beautiful sound
> quality!!!! Wayne

Yes.....well it sounds like the Pro39 then; the words
tinny and weedy come to mind re: the speaker.
Guess that's what you gets for small size.

1121. Re: Pro39/freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-24 21:20:54 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6063@rook.ukc.ac.uk>
Source record: 262293

In article <3fijk9$eg0@beyond.escape.com> marc_k@escape.com (marc_k) writes:
>Duncan (dpfg@ukc.ac.uk) wrote:
>: 1) The 68-88 band is barren, I have heard a couple of weak voices
>: but other than that it just stops a few times and hisses, with
>: no voice audible. On 68 and 71 roughly there were images of FM
>: broadcast stations.
>
>>make sure that your mode is set correctly

There is but one small problem with that: fixed to FM only.
I found that by doubling the 10.7MHz IF frequency to get 21.4MHz and
adding it to the place where I found something that did not belong,
I got a frequency number which made sense.

Some of the images were VERY convincing though, and the 133 was definitely
stronger and clearer than the 155.

>>I doubt the police were on 133.7...this sounds like you were the victim
>of IF imaging...the pro-39 is only double conversion, and is rather
>prone to this.
>

1122. Re: PRO-43 charging - help please

Newsgroup: rec.radio.scanner
Date: 1995-01-24 21:24:53 UTC
From: dretzik@uoguelph.ca
Message-ID: <3g3r75$g79@ccshst05.cs.uoguelph.ca>
Source record: 262295

I use the exact adapter that the manual calls for (I don't know the model off hand). I let it charge for usually 18 hours and find I can get about 7 or 8 hours from one charge. I think it is important to let the batteries run right down to nothing occasionally, and every once in a while I take the batteries out of the pack and re-arrange them but I don't know if that does anything helpful or not.
Does anyone know if the charging rate changes if you charge and run the scanner at the same time? It isn't clear in the manual if charge time is altered by running the scanner at the same time.

Dave

1123. BC200XLT mod botched...please HELP

Newsgroup: rec.radio.scanner
Date: 1995-01-24 21:50:02 UTC
From: paulc@gdstech.grumman.com
Message-ID: <1995Jan24.215002.28311@gdstech.grumman.com>
Source record: 262316
Cross-posted to: rec.radio.scanner,alt.radio.scanner

[posted for a friend, please reply to jbuck@rama.poly.edu]

We attempted to perform the "cellular frequency" un-block modification to
the Uniden BC200XLT scanner. We did the one that requires soldering a
resistor to surface mount components. Supposedly, this modification was
performed by a "qualified" expert, and the surgery seemed to go OK.
Unfortunately, it seems to have destroyed the radio.

Here's what happens (after the modification):
The keypad seems to work fine, IE you can key in any frequency now.
The light does not work.
There is no sound.
The scanner will not stop on any frequencies (including WX).

After un-doing the modification, everything remains the same, except you can
not key in the blocked frequencies. That is, no light, no volume, no scanning.

The thing DID work correctly PRIOR to any modifications, so, something
happened. Could it be a loose connector? Fried component? Solder short?
Does anyone have any suggestions?

In other words, we now have a very expensive paper weight. Since I did not
perform the modification (I am smarter than that), I really do not know what
the guts look like.

Since we are not regular readers of this newsgroup, please reply by
E-mail to: jbuck@rama.poly.edu

Thanks
John

1124. New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-01-24 22:32:42 UTC
From: kim@nntp.cadence.com
Message-ID: <D2xLAJ.2KJ@Cadence.COM>
Source record: 262294

I read in some thread here that the new Federal law that now prohibits listening to cordless phone conversations also prohibits listening to auxiliary news traffic (such as traffic choppers, etc). Is this really true? If so, what is supposed to be the rationale? I thought the airwaves were free, and that there is no presumption of privacy on these channels.

I understand the reason for making listening to cellular and cordless phones illegal, although this attempt at a legal solution is stupid, fatuous, and misleading to the general public.

But to prohibit listening to public services (OK, semi-public); why? Certainly the news organizations know better than to trust to a legal solution for this!

I hope someone will tell me I'm all worked up for nothing. If not, how long before it becomes illegal to listen to police and fire dispatching?

--

"Never let work interfere with your reasons for working."

Kim Helliwell

1125. Re: BC 855xlt

Newsgroup: rec.radio.scanner
Date: 1995-01-24 22:34:04 UTC
From: rumcd@pln.com
Message-ID: <19950124.78C2150.13E2F@pln.com>
Source record: 262314

It was published in monitoring times about 3 years ago. I don't think I have
it anymore though :<

Someone must!!!

1126. Re: PRO-43 charging - help please

Newsgroup: rec.radio.scanner
Date: 1995-01-24 23:04:04 UTC
From: robert@eden.com
Message-ID: <3g4114$hjm@boris.eden.com>
Source record: 262285

While we are on the subject, Does anyone else have problems with a DC cord for the 43 for the car.. It just doesn't fit exactly right and it seems to go out all the time.

1127. Re: Ar8000 Problems or operator 'all thumbs?'

Newsgroup: rec.radio.scanner
Date: 1995-01-24 23:17:13 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3g41pp$mnj@nntp.crl.com>
Source record: 262287

When Ericson wrote that holding the side func button would affect
the operation of the vfo knob in a desirable manner it quickly
becomes clear that if any button is inadvertantly
pressed by an individual while using the ar8000's top knob
unexpected operation may occur. This may explain the behavior
unique to one individual but not duplicable by others.

ki4je

jgardner@netcom.com (Jerry Gardner) wrote:
>
> In article <1995Jan23.210047.7438@cronkite.res.utc.com> gd@RCINET.res.utc.com writes:
>
> >No, this happens in the M.RE and VFO modes and is intermittant. Usually happens
> >when I first start using the knob, then gets better, as if it were a noisy
> >switch that cleans up with use.
> >
>
> In my case, this "bounce" problem happens whenever I use the rotary dial
> on the top of the radio.
>
> For example, lets say I just punched in the frequency of the local
> county sheriff and want to set the text label to "SHERIFF". Assuming
> the current character is A and I want S, I turn the dial clockwise and
> expect to get the following sequence:
>
> A-B-C-D-E-F-G-H-I-J-K-L-M-N-O-P-Q-R-S
>
> On my radio I get:
>
> A-B-C-B-A-B-A-A-A-B-B-C-D-E-D-C-B-B-C-B-C-B-A-B-B-C-D-E-E-C
>
>
> This makes entering text labels, selecting a memory channel, or tuning
> the VFO with the dial nearly impossible.
>
> And unlike yours, mine never gets better no matter how much I use the
> dial.
>
>

1128. Re: PRO-43 charging - help please

Newsgroup: rec.radio.scanner
Date: 1995-01-24 23:36:15 UTC
From: sflynn@freenet.vancouver.bc.ca
Message-ID: <3g42tf$jp@freenet.vancouver.bc.ca>
Source record: 262290

David Retzik (dretzik@uoguelph.ca) wrote:
: Does anyone know if the charging rate changes if you charge and
: run the scanner at the same time? It isn't clear in the manual if charge
: time is altered by running the scanner at the same time.

When I initially read this thread, I thought the same thing but I've rechecked my manual and on page 27, it says (I assume using the charger they recommend in the manual) "It taks 10 to 18 hours to recharge fully discharged batteries. You can operate the scanner while you charge the batteries but the charging time is longer" (how much longer, I don't know anyone have any ideas???

Sean

1129. Re: heard on the air

Newsgroup: rec.radio.scanner
Date: 1995-01-24 23:46:59 UTC
From: jdgan@freenet3.scri.fsu.edu
Message-ID: <3g43hj$jvh@freenet3.scri.fsu.edu>
Source record: 262304

Tom Bodoh (tbodoh@pipeline.com) wrote:
: I heard a call recently - a cop was called to the scene of a dead cat in
: the
: road. Upon arrival, he asked dispatch to send animal control to the 1200
: block of North Minnesota Avenue. The dispatcher asks "Northbound or
: Southboand", to which the cop replied "It's kind of multi-directional
: now..."
:
: The Dispatcher paused for a while, then said "I don't think I'll tell tham
: that..."
:
:
Here's another one:
Disp: ...be enroute to <xxx> Watt Dr. ...
Off: "What" drive?
Disp: WATT Dr... like a lightbulb.
Off: Sorry, I'm just dim.
<pause>
Disp: I work alone

1130. Wow! New! Full Disclosure in the Web

Newsgroup: rec.radio.scanner
Date: 1995-01-24 23:52:05 UTC
From: fd@wwa.com
Message-ID: <3g43r5$55n@sashimi.wwa.com>
Source record: 262317
Cross-posted to: alt.2600,alt.conspiracy,alt.privacy,rec.radio.scanner,rec.radio.shortwave,alt.dcom.telecom,rec.video.satellite.tvro

Check it out... brand new...

http://ripco.com:8080/~glr/glr.html

Suggestions welcome.

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email postal address to fd@wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?
http://ripco.com:8080/~glr/glr.html

1131. Re: Alpha programming the BC8500

Newsgroup: rec.radio.scanner
Date: 1995-01-25 00:08:15 UTC
From: clarkan@yang.earlham.edu
Message-ID: <clarkan-2401951909240001@opr.cclab.earlham.edu>
Source record: 262289

In article <mpageD2t84H.IAC@netcom.com>, mpage@netcom.com (Thomas J. Kravitz) wrote:

: When you make a mistake while programming in an alphanumeric screen on the
: BC8500, is there any fast way to make a correction? The only way I have found,
: so far, is to get out of prog and start over on that entry. No correction or
: arrow keys.
:
: I have also found that I can program in an entire freq, alpha & squelch code
: (and all have been saved), but the radio will loose it. I have to go back and
: do it again.
: --
: ===
: Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436

I think that the limit button moves the cursor backwards; if not the limit, then something else. You can edit the alpanumerics; it's in the manual. As for the other problems, I sent my 8500 back three days after receiving it. I think that it's Junk.

```
-------------------------------------------------------------------------
| Andrew D. Clark is clarkan@yang.earlham.edu or andycl168@aol.com |
-------------------------------------------------------------------------
| "I'm not crazy, you're the one who's crazy!"--Suicidal Tendencies |
-------------------------------------------------------------------------
```

1132. Surete du Quebec

Newsgroup: rec.radio.scanner
Date: 1995-01-25 00:08:59 UTC
From: vincent@etu.gel.ulaval.ca
Message-ID: <3g44qr$def@goudron.gel.ulaval.ca>
Source record: 262299

The provincial police of Quebec will change their communication's system before 'april 95'... Anybody knows which kind of system that they will use?

1133. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-25 00:52:53 UTC
From: sgyee@ramp.com
Message-ID: <3g47d5$nl4@porky.ramp.com>
Source record: 262291

In article <3g3jmv$j9i@quartz.ucs.ualberta.ca>, kwong@ee.ualberta.ca (Kevin Mark Wong) says:

>I've always thought the codes and the differences between codes of even
>adjacent cities was deliberate, the purpose being to confound "casual"
>radio eavesdroppers. Of course, most people can figure out the codes after
>a while without any list of codes. It is only the most naive and infrequent
>scanner listener who does not understand. But where will the fun of
>monitoring the police be if they start talking like ordinary folk? 8-)

Actually, the 10-codes were originally generated for people who have the habit of not waiting a second after keying up to speak. Old, old radios that had to spin up a magneto could not transmit until their radio was literally spinning up. By saying "10-4", the dispatcher would get the "4" and understand that it meant 10-4....

Steve

```
-------------------------------------------------------------------------
| sgyee@phx.ramp.com | Become a member of the largest |
| 71431.2137@compuserve.com | street gang in America...... |
| Amateur Radio Callsign: KC7ALZ | - THE COPS !! - |
-------------------------------------------------------------------------
| Final Thought of the Day: If ignorace is bliss, why are so many |
| people unhappy ? |
-------------------------------------------------------------------------
```

1134. Re: PRO-51 Perm. Hardware MOD'S?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 01:02:04 UTC
From: gregh@hprnd.rose.hp.com
Message-ID: <3g47uc$o5@hpchase.rose.hp.com>
Source record: 262175

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: There is evidently no "brown wire" in any Pro51s. Plus, the purpose of the
: brown wire is simply so that you can use the Test Mode trick and get
: 888.96MHz in your scanner. With your scanner, there's no problem.

There is a small board and a brown wire in the PRO-51 with
date code of 7A4s stuck on the CPU/DISPLAY board.

: The "brown wire" trick is possible in late model Pro46s. But, again, it is
: just for enabling the Test Mode freqs that include cellular. It still won't
: enable you to put cell freqs into a Limit Search.

Havn't tried the "Brown Wire" trick but I understand it can be done
via the power on keyboard trick.

No Limited search but you still can scan up and down in the cell range.
If you go out of the cell range then simply go back to ch 23 manualy
and scan agian. The freqs can be stored in the "Monitor" and "Regular:
channels via the temp. Monitor channels.

--

Greg Holdren
gregh@hprnd.rose.hp.com

1135. AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-25 01:06:17 UTC
From: cremer@delphi.com
Message-ID: <9501242009591.DLITE.cremer@delphi.com>
Source record: 262302

I've recieved my AR8000 and the comp interface from Javiation and I like it a lot! But I spent one very frustrating evening trying to program a few banks by computer. Over and over again I went through the steps laid out in the interface manual but most, not all, of my channel asignments were rejected. I finally figured it out the next day, the machine didn't like my step assignments. 15 and 25 KHz are the correct intervals for the 155 and 470 MHz bands but the AR8000 won't accept them. Changing the step to 5KHz did the trick and all my channels were programed in no time flat. I wonder why the scanner rejects entries based on step sizes even when I've made sure to specify that the Automatic (Step & Mode) bandplan feature was off?

At any rate, this doo-hickey may be mighty complicated, but it sure is fun!

1136. Re: Antenna

Newsgroup: rec.radio.scanner
Date: 1995-01-25 01:35:39 UTC
From: jcosiman@clark.net
Message-ID: <3g49tb$j14@clarknet.clark.net>
Source record: 262298

KENNETH TRAMPLEASURE (trample@gaul.csd.uwo.ca) wrote:
: Can someone please suggest a good scanner mag mount antenna for cars?

: I think I remember someone mentioning a cellular-look-alike that worked
: good.

I'm wondering if the cellular-look-alike of which you speak is a _glass
mount_ ant. I own one that Rat Shak makes and its performance is OK in
metropolitan area where there are strong signals.

--
+---+
| jcosiman@clark.net |
| +++++++++++++++++ |
| Finger for PGP public key |
+---+

1137. Re: Can anyone read this? I can't

Newsgroup: rec.radio.scanner
Date: 1995-01-25 01:57:59 UTC
From: adamatt@aol.com
Message-ID: <3g4b77$k0q@newsbf02.news.aol.com>
Source record: 262301

```
Nope.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

1138. Re: Price for unblocked AR8000? (plus comments)

Newsgroup: rec.radio.scanner
Date: 1995-01-25 01:59:50 UTC
From: crumrine@earth.usa.net
Message-ID: <3g4bam$k8c@earth.usa.net>
Source record: 262300

I purchased mine from Jonathan, and have nothing but great things
to say about him and his company. BTW, I have found the ANLI
antenna to be quite responsive with this receiver. One annoying thing
also is that the radio has reset itself 3 or 4 times in the last
month. Just the VFO and stuff like going from expert back to beginner.
None of the memory was affected, I'm chalking it up to power problems
for now.

Mike "On My 53rd read of the manual" Crumrine

1139. Re: Which is better,Betty Bearcat or Police Call??

Newsgroup: rec.radio.scanner
Date: 1995-01-25 02:01:15 UTC
From: adamatt@aol.com
Message-ID: <3g4bdb$k23@newsbf02.news.aol.com>
Source record: 262303

Police Call is much better.

For a CD-ROM of freqs, contact:

Scanner Master
P.O. Box 428
Newton Highlands, MA 02161

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1140. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-25 02:12:16 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.790999936.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 262297

For those in Vancouver, Canada, you'll find the one and only traffic
'copter at 450.9625MHz. The traffic lady says some pretty funny
things when she's not On The Air.

1141. *Oops*

Newsgroup: rec.radio.scanner
Date: 1995-01-25 02:19:37 UTC
From: adamatt@aol.com
Message-ID: <3g4cfp$k9j@newsbf02.news.aol.com>
Source record: 262305

A week or two ago I asked for a mod on a PRO-39 (names are anonymus). I used the one off this newsgroup and found that it was missing an entire step. You guys might want to check your mod info one more time before you post it. Just a suggestion! :)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

:::::::::AdaMatt@aol.com:::::::::

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1142. Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-25 02:22:27 UTC
From: adamatt@aol.com
Message-ID: <3g4cl3$kar@newsbf02.news.aol.com>
Source record: 262306

A frequency counter (correct me if I'm wrong) is a thing that detects active freqs in the air. If what I just said was correct, how much does one of those things cost? (approximately) And where can I get one? What brand is the best? Thaks a lot!

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1143. Indiana freqs wanted

Newsgroup: rec.radio.scanner
Date: 1995-01-25 03:05:23 UTC
From: Dave Anderson <70372.101@CompuServe.COM>
Message-ID: <3g4f5j$dc4$1@mhadg.production.compuserve.com>
Source record: 262312

Does anyone have a complete or near complete frequency listing for
the Southern Indiana area. I live just outside of Evansville, IN.
in Mt Vernon. I would like a listing of more then just what Police
Call has. If anyone could help, thanks...Dave

--
Dave of Dave's World---812-838-2460

1144. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 03:13:11 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.73.002C5F2D@dpm3.seanet.com>
Source record: 262308

In article <D2w015.DFv@Cadence.COM> kim@nntp.cadence.com (Kim Helliwell) writes:

>I've been reading this thread for a while, waiting for someone to
>write why it really is (probably; I'm no lawyer) legal for newspaper
>reporters to use scanners.

My own interpretation of the law is (and I've not read any of the case annotations) is that it probably IS techinically illegal for teh newspaper to utilize even indirectly what they learn via a scanner. They do 'profit" from it in that they can gain inofrmation that they use in teh course of their business. It seems to me that somewhere in teh country towtruck operators got in some difficulty in listening in and racing to the scene of accidents in teh hope of scooping a job.

The reason they (newspapers) don't get hassled is that the local PD wants (no, NEEDS) the good press and friendly cooperation of the newspaper and radio/tv station(s). Can you imagine the screams of cnesorship that would be raise dif the media were held to the letter of teh law? The legal niceities of the Communications Act of 1934 would be netirely lost in the venting of selfrighteous outrage. Not worth the trouble. A better solution is a secret frequency or (more recently) cell phones. Some will also note that in some areas with new trunked systems the PD provides the media with handheld units programmed with the frequencies. Want to bet that ALL of them are there? This keeps the media happy and off the side of the scanner hobbyists who might complain ... this way the media is "part of the team" and the public is on the outside.

==========
Dan Morisseau, N7ZXL Auburn, WA 47.17'16"N 122.11'40"W Elev. 300'
GEnie:D.Morisseau Internet:dpm3@dpm3.seanet.com (pref) OR dpm3@prostar.com
"He has read everything and, to his credit, written nothing." - A J Raffles
==========

1145. Help on Bearcat Repair Center(s)

Newsgroup: rec.radio.scanner
Date: 1995-01-25 03:20:06 UTC
From: scotwitt@interaccess.com
Message-ID: <scotwitt.251.007041CA@interaccess.com>
Source record: 262296

A few months ago, someone posted a listing of Uniden/Bearcat repair facilities.

I need the name and address of the one in Franklin Park, IL

Could someone repost it for me, please? I have a dead scanner that desperately needs professional attention.

Thanks!

```
==============================================================================
Scot Witt scotwitt@interaccess.com WDCB Radio News Glen Ellyn, IL Newsie, Folk
==============================================================================
```

1146. Re: PRO 2026 MODS

Newsgroup: rec.radio.scanner
Date: 1995-01-25 03:21:41 UTC
From: thssjyh@iitmax.iit.edu
Message-ID: <1995Jan25.032141.20624@iitmax.iit.edu>
Source record: 262313

In article <amick.4.00135F5E@falcon.cc.ukans.edu> amick@falcon.cc.ukans.edu (SAM) writes:
> I CAME ACROSS AN OLD PRO 2026.
>DOES ANYONE HAVE MODS FOR IT
>PLEASE & THANKS

Open the case and cut L201

1147. Re: Improvements for Ramsey 800 MHz down convertor?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 03:33:07 UTC
From: steven@sgb.oau.org
Message-ID: <D2xz79.78v@sgb.oau.org>
Source record: 262329
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Michael Eskin (eskin@btree.brooktree.com) wrote:
: To augment my AOR8000, I just built a Ramsey 800 MHz downconvertor kit.

You should have ordered your AOR8000 from either Javiation or Atlantic :(
as it would probably have saved you money and gained in performance. It's
a shame - I suspect the extra duties and shipping would have been the same
as the cost of the converter.

: Unfortunately, I'm not too pleased with it's performance and was
: wondering if anyone has come up with any mods to improve it.

New question: Has anyone (cloning or other) been able to determine the
exact difference between the US and INTERNATIONAL versions of this scanner?
I don't mean the bandplan, I mean the cellular -- where did they change it?

: It works OK, but only seems to pickup extremely strong signals. Other
: 800 MHz signals that are full quieting and audible even with the squelch
: turned all the way up on my other 800 MHz unlocked scanner (Pro-43) do
: not show up at all with the convertor.

Since you bought the converter for the cellular, it will probably do ok
for listening to folks you *see* using their phones in the car, etc.

: I've gone through the circuit and I've built it correctly, all the test
: point voltages seem good... anybody have any ideas?

May want to call Ramsey, they're normally pretty good.

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1148. Re: Scanning Digital Cell Phones...

Newsgroup: rec.radio.scanner
Date: 1995-01-25 03:39:35 UTC
From: steven@sgb.oau.org
Message-ID: <D2xzI1.83E@sgb.oau.org>
Source record: 262330

rling@cad3.uccb.ns.ca wrote:
: Digital cellular phones are being activated in my area now.
: Can my Pro-2006 be modified to scan these new phones?
: Do the digital phones use the same freq's as analog?
: If you come across a digital phone in operation, what does it sound like?
: Does it sound like the control channels?

: if someone has the answers to these questions, please respond!

No, but it would be nice if you could mod an analog phone to TRANSMIT on the same frequencies as their digital! Since in analog, a signal with interference can often be still understood, if you hit the digital transmissions with interference, it will kill the signal enough to prevent the signal from ever reaching desired party. Result is worse performance, as phone will appear to not work at all.

Personally I prefer a poor signal over no signal. Anyone made a device to create interference on 800 mhz frequencies yet? I'd think it be fun to play on the frequencies used to control the Motorola Smartnet systems, especially after they spent so much money on them!

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1149. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 04:01:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791045069.AA00692@rochgte.fidonet.org>
Source record: 262357

> From: michael@alexander.terranet.com (Michael Alexander)
> Organization: Terranet, Inc., Boston, MA, USA

> In article <790799789.AA00086@rochgte.fidonet.org>,
> David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) wrote:

>> > From: michael@alexander.terranet.com (Michael Alexander)
>> > Organization: Terranet, Inc., Boston, MA, USA
>>
>> > It's not illegal to divulge what you hear on a scanner to a third
>> > party. You're confusing that with listening to cordless telephone
>> > calls.
>>
>> > In the specific case of police and fire are public agencies: You have
>> > the right to listen in all you want and to talk about it all you want
>> > to anyone you want. No, the newspaper is not bending any law in any
>> > way; no it is not a loophole.
>>
>> WOW! Where do you get your [mis]information? It most certainly is
>> illegal in the USA to divulge intercepted radio transmissions to third
>> parties. Read Section 705 of the Communications Act of 1934.

> I have. You apparently have no clue as to the origin of the law and
> its intent. For all intents and purposes, that law is obsolete.
> Obviously one can tune into FM radio and other public broadcasts
> using a scanner and there is obviously no restriction on divulging
> etc.

I don't argue the law with teenagers. You're sounding like one.

The Act is very clear and explicit. There is no room for interpretation
or semantic dodging. And it is not "obsolete", for it is still in effect as
the main body of law that governs communications and gives the Federal
government its authority to regulate same.

1150. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 04:06:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791045069.AA00693@rochgte.fidonet.org>
Source record: 262358

> From: drice@enuxsa.eas.asu.edu (David Rice)
> Organization: Arizona State University, Tempe, AZ

> Go to a law library and look up 47 USCA (or USCS) 605 and read all the
> annotations. It will make this whole issue even more confusing than
> it already is.

Of that I have no doubt. As my Criminal Justice professor pointed out,
the courts make all of the laws anyway.

> One more thing, whether it is illegal or not, I personally think it is
> pretty irresponsible to divulge information heard on a scanner. When

On this score we agree completely.

> agency is ready for details of an incident to be released, they will
> release them. Until then, it is safe to assume that they don't want
> the non-scanner owning public to know about it.

The only difference between us and the "non-scanner owning public" is the
simple fact that we happen to own scanners. Public safety agencies (police in
particular) don't differentiate. If they don't want the public to know, they
don't want ANY of the public to know - whether they have scanners or not.

```
===================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===================================================================
```

1151. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 05:02:34 UTC
From: scan911@aol.com
Message-ID: <3g4m1a$me3@newsbf02.news.aol.com>
Source record: 262307

Without quoting a zillion (or dozen) times....

I have been a newspaper editor for 20 years. Every newspaper from weeklies to metro dailies uses scanners.

But, as an editor, I would never let a reporter use in a story any information gathered from scanner listening. Every reporter is required to confirm information overheard. The rule is that if you can't confirm it, you can't print it.

And ... what's the difference between the newsroom employees listening to a scanner and someone calling the paper from home to report something? Nothing. I frequently call into my newsdesk from home at night when I overhear something "hot."

And, as a journalist, I have never known a newspaper to get in trouble from scanner monitoring. In fact, I know of some news organizations that have been asked to withhold information that they overheard because of the sensitive nature of the situation, and it has been honored in almost every case I have heard of. There was a very visible case involving the media and the FBI in the New York City area a few years ago.

And before every one goes quoting from Police Call or other scanner guides, go plunk down a few bucks at your local Government Printing Office store, or visit a depository library, and READ the Communications Act of 1934. Once you have done that, then you will understand the law.

|
|
' --|--
/|\
' ___|_____________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

1152. External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-25 05:18:52 UTC
From: wright1@ix.netcom.com
Message-ID: <3g4mvs$lir@ixnews1.ix.netcom.com>
Source record: 262309

Any suggestions on an external speaker for my Pro-43 which is hard to hear while driving?

Thanks,

--
from Ken Wright -
wright1@ix.netcom.com

1153. Re: San Ramon, CA Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-25 05:24:44 UTC
From: bundy@also.hooked.net
Message-ID: <3g4nas$1ug@also.hooked.net>
Source record: 262310

rwillis@popper.pacbell.com (Rudy A. Willis) wrote:

>Can anyone provide a listing of freqs for the San
>Ramon, CA area?
>
>These are not available (due to the small population)
>in the standard frequency publications. Thank you.

Here's a few, Rudy...

Sheriff - 155.64
Fire Primary - 46.44
Fire Secondary - 46.42
Public Works - 453.45
Regional Med. Cntr. - 155.40

Other fire freq's for San Ramon listed...
45.88, 46.10, 46.34, 46.38, 458.3125, 458.7125.

Good luck. These were in Police Call and The Bay Area
Frequency Guide from Scanners Unlimited.

Bundy
Paramedics Unlimited

1154. want to buy icom ic-r1

Newsgroup: rec.radio.scanner
Date: 1995-01-25 05:52:01 UTC
From: shoe <70243.770@CompuServe.COM>
Message-ID: <3g4ou2$6iu$1@mhadf.production.compuserve.com>
Source record: 262311

anyone have new or used for sale, how much?

--
bye now @b

1155. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-25 07:33:27 UTC
From: dbarton@moe.cc.emory.edu
Message-ID: <3g4us7$5q@moe.cc.emory.edu>
Source record: 262315

Kenneth Wright (wright1@ix.netcom.com) wrote:
: Any suggestions on an external speaker for my Pro-43 which is hard to
: hear while driving?

The best suggestion I have seen (although I have not implemented it yet)
is to get one of those things that plugs into a cassette player that
accepts the earphone output of a portable CD player.

I would also be interested in other suggestions....

Doug

--
I would rather be a foolish optimist than a correct pessimist.

1156. For sale: Comtronics CE-232 kit unopened $100.00

Newsgroup: rec.radio.scanner
Date: 1995-01-25 09:21:37 UTC
From: mikest@coho.halcyon.com
Message-ID: <3g5571$10q@news.halcyon.com>
Source record: 262340
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
For Sale: CE-232 from Commtronics.

this is a kit for the pro-200x series.
it adds a rs232 port to the radio.
kit includes software.
$100.00

send mail if interested.
```

1157. Diode assignments for Pro-43???

Newsgroup: rec.radio.scanner
Date: 1995-01-25 10:04:35 UTC
From: bartdoug@acusd.edu
Message-ID: <D2yHBn.CIw@pwa.acusd.edu>
Source record: 262318

I lost it! I had saved a great article on the assignments for the D1-5 diodes on the Pro-43 and just deleted it from my HD in a fit of efficiency. If anyone has that article, or can mail or re-post similar info I would be grateful. The article also had the different assignments for the US vs. European versions if anyone has that info too...

TIA,

Doug

--
I would rather be a foolish optimist than a correct pessimist.

1158. RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-01-25 10:08:27 UTC
From: bartdoug@acusd.edu
Message-ID: <D2yHI3.CM4@pwa.acusd.edu>
Source record: 262319

I decided to go to my local Radio Shack and order the shop manuals for my Pro-43, 46, and 2006 scanners, and was told by the salesperson that RS won't sell them to me since they contain "secret" information with which I could do illegal things! (He assured me that he knew that I was not one of those people, but he still couldn't sell me the manual.)

Is this common practice? If so, how do I get manuals for these radios?

TIA,

Doug

--
I would rather be a foolish optimist than a correct pessimist.

1159. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-25 11:01:41 UTC
From: lou@gary.com
Message-ID: <7737123406102@gary.com>
Source record: 262331

IL>In article <D2wxs1.Azx@world.std.com>,
IL>James J Martin <jjmartin@world.std.com> wrote:
IL>>>No provision of these rules prevents the use by an amateur station of any
IL>>>means of radiocommunication at it's disposal to provide essential
IL>>>communication needs in connection with the immediate safety of human life
IL>>>and immediate protection of property when normal communication systems
IL>>>are not available.
IL>>
IL>>Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
IL>>how can they apply to any other service. Sorry, but they can't.
IL>>
IL>>Although I agree that the radio was taken illegally, Part 97 is not the
IL>>instrument (the paragraph you cited) that allows a person to use any
IL>>means of communications in another service.
IL>>
IL>>I am not familiar with the rules for any other service so don't know what
IL>>they may or may not say about emergency communications. California has a
IL>>serious problem with who can do what when and where in any part of the
IL>>radio spectrum for starters, including amateur. (I'm a native of Californi
IL>>and would not consider for a second to go back there to live.)
IL>>
IL>>Jez my $.02.
IL>>
IL>>73 de wk1v
IL>> -jim-
IL>>
IL>Jim,

IL>Please read my posting. I don't think I made an interpetation of it, I
IL>only quoted it. But now that you brought it up, It clearly states that
IL>ANY means of communication is allowed in a life threating situation if
IL>normal communications are available. (Since we're talking Amateur radio
IL>here, I assume any form means, any form when normal Amateur frequencies
IL>are unavailable.) Just a thought. I guess you can read it any way you
IL>like, but if you really want to know e-mail the ARRL and ask for a
IL>clarification.
IL>Les

IL>--
IL>Les Butler KB8WKE "Fire Notification Network of Michigan"
IL>Detroit's First and Largest Paging Notification Network.
IL>Call (810)772-4423 For Information.
IL>lbutler@umcc.umich.edu Compuserve 72673,321

In an emergency especially Life Threatening, you are permitted to use any forms of Communications at your disposal.

Part 97, only applies to the Amateur radio Service. There are other Parts, to cover other Services.

Only in one instance, can you be made to stay off the air.... in the middle of a National Disaster, the FCC can impose a Quiet Time. It can be done on a local or State wide basis, by order of the FCC Engineer in charge of that particular district, if the situation warranted it. Only certain communications would then be allowed.

Hope this helped.....

Lou

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

1160. New Mod & more for the BC-200 (& bc-100, pro-35 probably)

Newsgroup: rec.radio.scanner
Date: 1995-01-25 12:21:46 UTC
From: newton@gumby.gg.caltech.edu
Message-ID: <newton-2501950421460001@fig-ppp.caltech.edu>
Source record: 262321

After several months of near-continuous, overlapping, destructive disasters ("expositions, invasions, ..."), I finally had a day to myself and spent a few hours trying something I noticed in the BC-200 service manual ... and believe I have found a new mod. A search of a couple of the standard FTP sites did not turn up any previous description.

Also enclosed are a few other useful pieces of info including a minor new keypad hack. This is a VERY brief summary of these. There'll be more details in a week or so (the long form has lots of useful tables, tidbits, errors, ... and is already 10 pages). (And is better written than this.)

Note: I dont suggest doing this mod yet unless you feel adventurous ... there may be something better coming soon.

If you own a BC-200 (or possibly the BC-100, or ? pro-35) and want to experiment please send me e-mail (temporary address below). There may be a hack that will allow several new functions, but it involves de-soldering the UC-1147 pins. I can solder SMD components such as resistors, but not finely spaced CPU leads (I'm a software type).

Anyway...:

New keyboard "hack" : 2-9-L/O on powerup. This clears all freq.s but does NOT lock them out. Be warned: this hack leaves scanner in an "interesting" state. The first time that you hit enter (for a valid freq.) your scanner will appear to hang for ~~ 30 sec.s while that freq. gets entered into every channel. Maybe (??) this is the first part of one of Uniden's two-power-on cycle hacks.

New mod: run 2 wires from pin's 64 and 11 to a SPST momentary contact pushbutton switch. Pressing the switch alternates between "hypo"-scan and normal scan (similarly for searching). This might be useful for people who've changed the clock freq from 400kHz to 1000kHz (as i plan to do, if my xtal ever arrives). Note it would probably be easiest to solder at the pass through holes to the keypad. This mod simply fills in the "empty" space on the keyboard matrix (the matrix does not correspond to the actual key layout).

Reason I believe that there may be even better hacks: If you look at the signal types of pings 8-11 (row 1-4), these are the only pull-downed MOS. Also 52-64, 1-7 & 12 are the only non-pull-down MOS, and 64-5 are the standard columns. Thus, pins 6 and 7 seem VERY ripe for extra columns due to their external tie-up, the signal names (see p. 12) and location. I suspect there may be 8 new functions.... maybe

even some kind of search store. But two of these are probably just band selects for bands that aren't implemented -- see pins 55 and 57. Because of the routing of the signals, though, the only way I can see of trying this is by de-soldering at least 3 of the CPU's signals.

If you are going to this, please send me e-mail for info on the solder traces, etc. If you want, include your phone number. I'm also waiting on some technical manuals that may give more useful info.

Warning: Be very careful of the BC-200 service manual that you can order from Uniden. I've found roughly a page full of errors (some of these may be due to the revision level of my BC-200 (1991?)). But, some of the changes are major -- mixed up parts ...

More later,
- mike

ps: temporary e-mail address: newton@starbase1.caltech.edu

ps: anyone want to trade their AOR-800 for a BC-200? (no, i dont expect any takers.... but can always dream!).

1161. Pro 43 Intermittant

Newsgroup: rec.radio.scanner
Date: 1995-01-25 12:30:22 UTC
From: drb@rmii.com
Message-ID: <drb.7.006575BB@rmii.com>
Source record: 262355

I have a "modified" RS Pro43. Sometimes I turn it on and it recieves fine. Mostly police and fire calls. Other times I turn it on and nothing except hash if I turn the squelch down. I leave it on most of the time and it seems to work when it feels like it. Anyone else expierence this?

1162. Re: Which is better,Betty Bearcat or Police Call??

Newsgroup: rec.radio.scanner
Date: 1995-01-25 12:45:18 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g5h4u$3pp@umcc.umcc.umich.edu>
Source record: 262322

In article <3g4bdb$k23@newsbf02.news.aol.com>, AdaMatt <adamatt@aol.com> wrote:
>Police Call is much better.
>
>For a CD-ROM of freqs, contact:
>
>Scanner Master
>P.O. Box 428
>Newton Highlands, MA 02161
>
>
>
>
>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>:::::::::AdaMatt@aol.com:::::::::
>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Police Call is the best in books for public services in your area, Beyond
Police Call is pretty good for most other non-government freqs.

The CD-Rom to purchase is Spectrum by Percon. The Entire FCC database for
the U.S. for only $30. The search capabilities are limited but for $30
it's a steal!
Les

--
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lbutler@umcc.umich.edu Compuserve 72673,321

1163. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-25 12:59:12 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g5hv0$447@umcc.umcc.umich.edu>
Source record: 262323

In article <3g4cl3$kar@newsbf02.news.aol.com>, AdaMatt <adamatt@aol.com> wrote:
>A frequency counter (correct me if I'm wrong) is a thing that detects
>active freqs in the air. If what I just said was correct, how much does
>one of those things cost? (approximately) And where can I get one? What
>brand is the best? Thaks a lot!
>
>
>
>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>:::::::::AdaMatt@aol.com:::::::::
>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Well, your kinda right. It does detect frequencies in the air, but you
must be in the antenna's near field. The near field varies, depending on
antenna gain, transmitter power etc. I've found for cordless you must be
within 6 inches of the handset. Several other 5 watt VHF H.T.'s I've
tried seemed to be readable from 60 feet or so. Cellular is another one
you must be very close to. Of course this also depends on what antenna
you use on the Frequency Counter. The telescopic whip that you can order
is ok, but there are several antenna's available for the different bands.

Opto-Electronics and Star-Tek are two makers of counters and Radio Shack
has one. R.S.'s is $99 and the rest start around $125. Pick up any of the
radio hobby magazines for a look at the Star-Tek and Opto's, and for
their numbers.

Hobby magazines such as Monitoring Times or Popular Communications which
are avaiable from most of the larger bookstores.

Good Luck....Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
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lbutler@umcc.umich.edu Compuserve 72673,321

1164. Re: RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-01-25 13:02:56 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g5i60$4a2@umcc.umcc.umich.edu>
Source record: 262324

In article <D2yHI3.CM4@pwa.acusd.edu>,
Douglas Barton <bartdoug@acusd.edu> wrote:
>I decided to go to my local Radio Shack and order the shop manuals for my
>Pro-43, 46, and 2006 scanners, and was told by the salesperson that RS
>won't sell them to me since they contain "secret" information with which
>I could do illegal things! (He assured me that he knew that I was not
>one of those people, but he still couldn't sell me the manual.)
>
>Is this common practice? If so, how do I get manuals for these radios?
>
>TIA,
>
>Doug
>
>--
> I would rather be a foolish optimist than a correct pessimist.

Call Radio Shack's parts order number. 1(800)322-3690 and by using a
credit card they'll ship them in 5 to 10 days. This is all the store
would do anyway.
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu Compuserve 72673,321

1165. PRO-2030 mods.??

Newsgroup: rec.radio.scanner
Date: 1995-01-25 13:06:27 UTC
From: (unknown)
Message-ID: <3g5icj$nbo@jmf-amct.atc.alcoa.com>
Source record: 262343

Are there any mods for the Pro 2030. Mine is about one year old; bought in early 1994. How about those keypad/power-up mods I hear about? Is there someplace I can purchase specific instructions, etc. I'm a newbie, so be gentle with me, I don't think I'm brave enough to open up my "toy" and possibly destroy it with complicated intricate mods.

Thanks for any info.

1166. Re: Spectum display ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 13:26:53 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D2yqou.9Hw@nntpa.cb.att.com>
Source record: 262360
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <brett_miller.95.00114EB2@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:

>I am looking for suggestions on a good, cheap way to get a
>spectum display >hooked to a R7000, AR3000A, or Pro-2005....

A LOW COST PANADAPTOR
FOR THE R-7000

Copyright 1987, 1995, Bob Parnass, AJ9S

A panadaptor, or spectrum display, is a device which portrays visually the signals in a part of the radio spectrum. Panadaptors allow radio listeners to "see" activity on a portion of band without requiring the listener to tune the receiver.

They are useful for detecting the presence of spread spectrum signals or "hidden" signals riding on a sub-carrier of a main channel. Panadaptors are invaluable for detecting spurious emissions from transmitters, and unwanted products caused when 2 or more signals mix.

Panadaptors most often employ a cathode ray tube (CRT) for the display, and must be connected to the inter-mediate frequency (IF) amplifier stage of a receiver, at a point before filtering takes place.

The ICOM R-7000 2-2000 MHz receiver rear panel has a phono jack for wide band 10.7 MHz IF output. A DC vol-tage is also present at this connector and is used to power an ICOM TV accessory.

I've seen mention of 3 panadaptors for the R7000:

1. John Biro's article on retuning a Yaesu YO901 Multiscope panadaptor for 10.7 MHz, restricted bandwidth use. Selectable bandwidths of 20, 100, or 200 KHz are available.

2. The Sherwood Communications SCA-7000 signal moni-tor, priced at $1600, and reviewed in May 1987 "Monitoring Times".1 Bandwidth adjustable from 1 KHz - 1 MHz.

3. The Spectra-Display, priced at $350, which requires use of an external scope.2 Bandwidth

adjustable from 200 KHz - 10 MHz. Optional preamplifier required for 12 MHz wide sweep.

In the past month, several Kenwood SM-220 monitor scope/panadaptors have appeared at hamfests selling in the $200 to $250 range. The Kenwood SM-220 can display transmitted or received signals. To add spectral display capability to the SM-220, one must purchase the optional BS-5 or BS-8 module, which consist of a printed circuit board, a steel enclosure, interconnecting cables, and a new graticule. The panadaptor module mounts inside the SM-220 cabinet.

The BS-5 is used with the TS520 and TS530 transceivers, which have an IF of 3.395 MHz. The BS-8 is used with the TS820 and TS830 transceivers, which have an IF of 8.830 MHz. Since the IF of the ICOM R7000 is 10.7 MHz, one must alter the panadaptor circuitry to accept 10.7 MHz input.

If you have any choice in the matter, get the BS-8, as it requires fewer changes than the BS-5, and may even require no changes at all!

The panadaptor module circuit consists of several stages, but only two are directly related to the IF frequency:

1. A crystal oscillator is used as a marker generator.

2. A voltage tuned oscillator is swept across the IF of the receiver, and employs a varicap diode, an inductor and capacitors.

The marker generator is not vital for panadaptor operation. It merely provides a single "pip" that one may use to center the display on the CRT screen, and is similar in purpose to the crystal calibrator in older receivers.

The marker generator circuits in the BS-5 and BS-8 are identical except for one crystal. One need only replace the 3.395 MHz crystal (in the BS-5), or 8.830 MHz crystal (in the BS-8) with a 10.7 MHz crystal to adapt the SM-220 marker to 10.7 MHz IF. I did not alter this stage, although I would if I had a 10.7 MHz crystal handy.

The voltage tuned oscillator is the stage that deserves our attention. The changes required depend on whether you have the BS-5 or BS-8 panadaptor module.

Changes for BS-5 Module

Change the following capacitors:

1. C231 from 1000 pf to 68 pf.

2. C232 from .01 uf to 1000 pf. (You can use the capacitor which used to be C231.)

3. C234 from 100 pf to 22 pf.

4. C236 from 47 pf to 22 pf.

5. C237 from 680 pf to 100 pf. (You can use the capacitor which used to be C234.)

Solder a 10 microhenry inductor in parallel with L204, a 20 microhenry inductor.

Changes for BS-8 Module

I haven't tried the BS-8 module, but encourage you to try using it as is, without modification unless necessary.

These steps are needed only if you cannot find settings of the side mounted aligment controls that get the display to behave as specified in the owner's manual:

1. Remove C233, the 33 pf disc capacitor, from the printed circuit board.

2. Replace coil L204, the 4.7 microhenry inductor, with a 6 or 7 microhenry inductor.

Alignment

Follow the alignment procedure in the SM-220 owner's manual to adjust the panadaptor. This consists of adjusting 2 potentiometers and 1 trimmer capacitor through holes thoughtfully provided in the side of the cabinet.

The alignment instructions rely on the use of the internal Marker Generator to generate a signal at the center of the passband. If you haven't converted the Marker Generator circuit, you can tune your receiver to a frequency with a signal present at a known frequency (like 162.550 MHz - the National Weather Service), and use that as a frequency standard.

Most of the time spent in aligment will be in alternate adjustments between the trimmer capacitor and the wide band sweep potentiometer, which interact with each other.

Wider Bandwidth

The SCAN WIDTH switch on the stock SM-220 can be set to display a 40 KHz or a 200 KHz wide picture. I adjusted my modified SM-220 to display a 100 KHz or a 500 KHz wide picture. By adjusting the controls on the side of the SM-220, wider bandwidths are possible, but wider bandwidths make it more difficult to resolve individual signals close to each other in frequency. As the bandwidth gets wider, the horizontal sweep loses linearity, causing the graticule calibration lines to be inaccurate.

Connection to R-7000

As mentioned earlier, a DC voltage is present at the R-7000 IF output connector and is used to power an ICOM TV accessory. A direct connection between the R-7000 IF output connector and SM-220 would damage at least one of these units.

To block the DC voltage, a 0.1 microfarad capacitor was soldered inside the R-7000, between the IF output jack and the adjacent jack labeled "spare". Connection between the R-7000 and SM-220 is then made using a short length of RG-58/U coaxial cable, with one end plugged into the R-7000 "spare" jack, and the other end plugged into the rear of the SM-220.

This leaves the original IF output jack undisturbed so it can be used with the TV adaptor accessory.

Vertical Sensitivity

When I connected my modified SM-220 to my R7000, the SM-220 would display only the strongest of signals. To improve the display sensitivity, I inserted a 20 dB gain RF amplifier between the R7000 and SM-220. The amplifier was a spare Ameco PLF2 FET receiver preamp, adjusted for 10.7 MHz, but other amplifiers can be used, provided they have at least a 500 KHz bandwidth, and sufficient gain, at 10.7 MHz.

False Readings - Images

The SM-220 circuit is like a superheterodyne receiver. The panadaptor itself has a 455 KHz IF, and like other superheterodyne receivers with a low IF frequency, is prone to images.

An image is manifested as a false pip, which moves across the screen as the receiver is tuned, and is 910 KHz (twice the IF) away from the actual signal.

The images discussed here are in the SM-220, not in the receiver. Images are bothersome on the strongest sig-

nals, like those 300 watt paging transmitters that saturate the county with RF, belching out out strange digital noises or voices (now illegal to monitor).

Use With Other Receivers

The modified SM-220 can be used with other receivers having a 10.7 MHz IF. In other receivers, one would need to find the proper point in the IF stage (before filtering takes place), install a connector, then wire a DC blocking capacitor between the IF stage and connector.

---

1. Sherwood Communications, 1310 Industrial Highway, Southampton, PA 19866. tel (215)357-9056.

2. Spectra-Display is sold by GTI Electronics, RD 1 Box 272, Lehighton, PA 18235. tel (717)386-4032.

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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1167. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-25 13:32:23 UTC
From: tham@husc7.harvard.edu
Message-ID: <3g5jt7$t2@decaxp.harvard.edu>
Source record: 262325

dbarton@moe.cc.emory.edu ( ) writes:

>Kenneth Wright (wright1@ix.netcom.com) wrote:
>: Any suggestions on an external speaker for my Pro-43 which is hard to
>: hear while driving?

>The best suggestion I have seen (although I have not implemented it yet)
>is to get one of those things that plugs into a cassette player that
>accepts the earphone output of a portable CD player.

I tried it before and works pretty good. You can turn it up as loud as your car radio amp allows you to. The device mentioned about is Radio Shack Part # 12-1951. I have a SONY version. Note: depands on your stereo to mono adapter audio may come out only on one side of your stereo speakers.

Fu

1168. Re: Modifiable PRO-43 4Sale. New and in box.

Newsgroup: rec.radio.scanner
Date: 1995-01-25 13:43:02 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-2501950843020001@nano.nist.gov>
Source record: 262326

In article <3g3k83$fnq@newsbf02.news.aol.com>, dalegadd@aol.com (Dale Gadd) wrote:

> I have eight PRO-43's remaining, new with manuals and in original boxes --
> all manufactured in 1993 before the CPU block was implemented. All have
> FCC ID numbers without the trailing A and all have production codes that
> end in A3 (5A3, for example).
> Yes, you might still find one in your area and you might even find
> one on sale (Reg. $350 plus tax, sale usually $289 plus tax). In many
> areas of the country the modifiable PRO-43's are no longer available. My
> price is $325 plus COD charges. There are ways for you to verify who I am
> and I can put you in touch with members of this newsgroup who have
> purchased one of the scanners from me. Please email me if interested.
> Dale Gadd
> Dept. of Mass Communication
> McNeese State University
> Lake Charles, LA 70609-0335

How about moving this extortion to a misc.forsale group, 'huh?

1169. Re: Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-25 13:47:44 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2501950844190001@alexander.terranet.com>
Source record: 262327

In article <1995Jan23.095545.1@wsuhub.uc.twsu.edu>, harkness@wsuhub.uc.twsu.edu wrote:

> In article <3fkkvn$puf@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu (Les Butler) writes:
> > In article <3ficgm$4j4@yoda.Syntex.Com>,
> > Marshall Warner <mow@hpsyvae1.syntex.com> wrote:
> >>I have a Bearcat 2500XLT and I want to improve my reception for all bands.
> >>If I put a RS Discone in my condo attic will I see marked results? I'm
> >>not too concerned with cordless reception. Thanks in advance.

> > The answer is Yes, you will see a marked improvement. One of my antenna's
> > in my attic is a R.S. Discone using a C.B> whip mounted to the center
> > stud of the $59.95 Discone. The center whip improves the antennaa low
> > band reception 25-100mhz. Actually it gives the antenna 25-100, it's
> > pretty poor without it. I also use Belden 9913 coax which helps. As long
> > as your attic is mainly wood it will be ok, it it has a lot of metal in
> > the roof your improvement may not be so great My attic is pretty full
> > with the aforementioned discone, the cheap R.S. discone, a T.V. antenna
> > mounted sideways (For vertical polarization) and a 80 ft wire dipole for
> > shortwave. Looks like I'll have to put the next one outside.<G>
> >
Why use a discone for scanner reception? If I understand it correctly, it has no gain, and without the added whip as described above, not much usefulness in the lower freqs. I also understand that discone's appeal has as much to do with its transmitting usefulness as its ability to receive. Sometime ago, I bought and installed Rat Shack's cheapo discone in my attic because it was expedient. It works reasonably well: I've got good elevation, short cable run and so on. When I decided to get something better, I called Grove and talked to one of their technicians. I told him that I was in the market for a new antenna and thought their $60-ish discone would be a good buy. He suggested that I instead try their Scantenna, which sells for about $40. He also said that I would get better results with that. I installed that in my attic as well. In side-by-side comaprison, the Scantenna is far superior to the discone. Yes, there is a price difference (as well as other issues) but you can't beat the Scantenna. I would advise asking around a bit more before going with a discone... BTW, I also have had good results with a TV antenna turned sideways--as good as with the discone in fact.

--
Michael Alexander
"Nils Carborundum"

1170. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 13:57:14 UTC
From: steven@sgb.oau.org
Message-ID: <D2ys3F.Fp5@sgb.oau.org>
Source record: 262328

Dan Morisseau (dpm3@dpm3.seanet.com) wrote:
: In article <D2w015.DFv@Cadence.COM> kim@nntp.cadence.com (Kim Helliwell) writes:

: >I've been reading this thread for a while, waiting for someone to
: >write why it really is (probably; I'm no lawyer) legal for newspaper
: >reporters to use scanners.

: My own interpretation of the law is (and I've not read any of the case
: annotations) is that it probably IS techinically illegal for teh newspaper to
: utilize even indirectly what they learn via a scanner. They do 'profit" from
: it in that they can gain inofrmation that they use in teh course of their
: business. It seems to me that somewhere in teh country towtruck operators got
: in some difficulty in listening in and racing to the scene of accidents in teh
: hope of scooping a job.

Nice example Dan. Actually no one has mentioned that - in some states it is
illegal to have a scanner in a business. What's a newspaper? A business!
So, to avoid the hole of a clearly illegal scanner in the business, (shall we
call it physical evidence?), they solicit from others from their homes (nice
concept!) since there is no physical evidence. I'll bet this same place has
outlawed portable scanners in vehicles too! I know Florida has a law against
scanners in businesses, but it's never stopped the portable in my briefcase. I
look at it this way - I do not own the business, and the scanner is my personal
property, therefore it's not used to benefit the business - hence not covered
under the Florida law relating to businesses. Same scanner sits on the
passenger seat when I am out. Its portable. It also meets the holes in that
d*mn law too. Now this may be different in other states, and that may be why
the comment. When you call a tip in, they do not know (or need to know) where
it came from, and if my suspicion is correct, they will not ask about that
either. This is a place where there is no physical evidence. Hence, while
the law could take a search warrant down to the press room and find a live
scanner as a violation, they could not do so for a "third party divulging"
if its not known how the tip was obtained.

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1171. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-25 14:14:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.96.000E3D81@ccm.hf.intel.com>
Source record: 262368

In article <3fr92r$2gg@interport.net> twhitman@interport.net (Tobias Whitman) writes:

>In <3fp2l6$qv6@newsbf02.news.aol.com> dctrhappy@aol.com (DctrHappy) writes:

>>Is it possible to start a radio station and simply broadcast it over a
>>cell phone (paying for the time of course)? Obviously this would only
>>cater to those w/ scanners. Or would you have the gmen at your
>>doorstep..?

>Why would somone want to do this? Wouldn't it be a lot better to use a
>VHF or UHF radio? If you used a cellphone, who would hear you and do you
>think that the owner of a cellsite is going to let you tie up that
>cellsite playing music or somthing?

It could be done. I doubt the owner of the cellsite would care as long as he is getting his money. There are many disadvantages. 1. Only those who can pick up that ONE cell tower could monitor. 2. Fidelity would be marginal. 3. It is very likely that the frequency would hop around every once in a while since the cell system tries to balance the traffic load. This is true even if you are not moving (although this doesn't happen much in rural areas). 4. Technically it would be illegal for anyone to listen.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1172. ftpmail@exchange.tlh.fl.u

Newsgroup: rec.radio.scanner
Date: 1995-01-25 14:36:11 UTC
From: Wally.Chopyk@odxabbs.tor250.org
Message-ID: <68d_9501260226@tor250.org>
Source record: 262195

Jonathan,

I used the FTPMAIL service in the last few days. It worked okay.
Received my file dated 95 01 23. Maybe you are experiencing a delay in
return from the operator, or something. Just an observation, but on the
subject line, the complete address should end with .us not .u as you pro
know,. I mention it in case you had it recorded incorrect.

Regards... Wally
--
| Fidonet: Wally Chopyk 1:250/930
| Internet: Wally.Chopyk@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.

1173. Computer control and ECPA

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:04:35 UTC
From: Harold G Peach Jr <hpeach@pop.uky.edu>
Message-ID: <3g5pa3$8d5@service1.uky.edu>
Source record: 262334

Let me start by saying that I do not monitor cellular. However, I would like to have a truly computer-controlled scanner. (I am using the COMMTRONICS HB-232 now, but it is still limited to what the scanner's microprocessor will allow.)

How difficult would it be to purchase a scanner, gut it, use the receiver and PLL, but replace the microprocessor with a PC? By placing the "smarts" in the PC, you could make it scan whatever range you wanted (within the limits of the receiver) and use whatever STEPS you wished. The possibilities are endless!

Any thoughts?

Harold
hpeach@pop.uky.edu

1174. McDonald's....sort of...

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:36:18 UTC
From: phantasy@iglou.iglou.com
Message-ID: <D2ywoJ.IIr@iglou.com>
Source record: 262336

Anyone know of the headsets in use at fast food locations (McD's, Taco Bell, KFC, etc.) use any type of PL tone encode/decode?

Dave

--

```
___
_____ | _ \ __ _ _ _ ___ ________________________
| | | / _` | \ / / _ |
| |_|| |_| |\ \/ | __| phantasy@iglou.com
```

1175. AR 8000: Labelling banks?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:43:18 UTC
From: rsharp@paul.spu.edu
Message-ID: <3g5rim$8n9@adam.spu.edu>
Source record: 262337

I know you can enter text labels for each channel, but I thought you could have a label for each bank. How?

1176. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:47:24 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-250195074710@earl.llnl.gov>
Source record: 262342

In article <3g4mvs$lir@ixnews1.ix.netcom.com>, wright1@ix.netcom.com (Kenneth Wright) wrote:
>
> Any suggestions on an external speaker for my Pro-43 which is hard to
> hear while driving?

Another option is a FM transmitter. Radio Shaft has a new, stereo, small, portable, battery powered FM transmitter that will transmit on one of 4 user selectable channels. It has a stereo input plug and an antenna wire connected to it. Works for me. Sorry I don't have the cat # with me.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@aol.com
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551

1177. Re: Antenna

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:52:28 UTC
From: cseymour@mbunix.mitre.org
Message-ID: <3g5s3s$k8r@linus.mitre.org>
Source record: 262352

In article <3g3l8a$nrh@falcon.ccs.uwo.ca>, trample@gaul.csd.uwo.ca (KENNETH TRAMPLEASURE) writes:
|> Can someone please suggest a good scanner mag mount antenna for cars?

Try the Grove ANT 4. $49.95. 24" fiberglass, 30-50, 88-108, 118-174, 225-400, 406-512, 806-960 mhz, and 12 feet of coax plus Mot & BNC connectors.

It's decent, and the magnet holds well. You can get the ANT 4W which is the antenna without the magnet, for $14.95. I had one mounted on the AM/FM antenna knob on the cowl for a while.

|> I think I remember someone mentioning a cellular-look-alike that worked
|> good.

Don't fall for the ANT 13. Grove will insist that its range is 30-1200 mhz, but anything below 137mhz falls into the great chasm. High band is 'ok', and UHF is acceptable. A 9-foot piece of speaker wire inside the cab works better.

chip

1178. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:52:37 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3g5s45$k4h$1@mhade.production.compuserve.com>
Source record: 262338

I hope you aren't using the totally useless antenna that comes with the AR8000.

1179. Re: EUREKA!! New PRO-51 successfully modified to r

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:54:50 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3g5s8a$k4h$2@mhade.production.compuserve.com>
Source record: 262339

Hold down 2,9 & BAND or 2,9 & MONI. You'll see all the display indicators light up repeatedly. At any time, just hold down 2,9 & L/O all at once. Within about half a second, you'll be in the Test Mode that has 888.96MHz in Channel 23.

1180. Need Scanner Info

Newsgroup: rec.radio.scanner
Date: 1995-01-25 15:59:20 UTC
From: jdaniel@synopsys.com
Message-ID: <jdaniel-250195075352@eppler-mac.synopsys.com>
Source record: 262341

I'm VERY new to this newsgroup and can honestly say I haven't the slightest idea what any of you are talking about... :-)

I've lived in the Santa Cruz Mountains for 10+ years now and have often thought about getting a scanner. These past set of storms totally convinced me that it would be a very cool tool to have. If the general radio reports on 1/10/95 were not so inconsistent, I could have slept in instead of getting dressed and driving over the Summit, just to be turned back... Anyway, I don't know *anything* about scanners. Where does one purchase one? What's the going price? What's the best model? What are the best (and worst) features to have? I live at the top of a canyon - would I need an antenna mounted on the roof? I know I'm asking someone to take time out from their busy schedule to help me out with this, but I would *really* appreciate the information and help...

Anyone willing? :-)

Thanks in advance.

Jill

1181. Re: Pro43 15 to 1000MHz mod. No Gaps!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-25 16:24:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.97.00106AD1@ccm.hf.intel.com>
Source record: 262228

In article <3fs672$pqm@mack.rt66.com> dcomer@mack.rt66.com (David M. Comer) writes:
>I received a response from "them". Here it is...
>"Hi,
>The cost of the mode will be about $50-$80 dollars. Can't really give many
>details right now because we're trying to sell the mod. ya know. It does
>work and may even work on other radios as well.
> Thanks for your interest.
> Andrej"

>I sure as hell wouldn't send my radio off to a fly-by night response like
>that!

I think the mod consists of some duct tape and a $40 shortwave receiver. :-)

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1182. Radio Resources on the Internet

Newsgroup: rec.radio.scanner
Date: 1995-01-25 16:28:29 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.98.00107A07@ccm.hf.intel.com>
Source record: 262229

Thanks for all the updates. There are some great Web sites out there.
- - -

Radio Related Internet Sites (URL format)

Please send additions and corrections to:
brett_miller@ccm.ut.intel.com

World Wide Web (URLS)
---
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggins
http://www.demon.co.uk/javiation
http://usis.com/~odium/ - scanner stuff, hacking, etc.
http://ripco.com:8080/~glr/glr.html - Glen Roberts Full Disclosure

FTP (URLS)
---
ftp://ftp.cdrom.com /pub/hamradio/
ftp://oak.oakland.edu /pub/hamradio
ftp://ham.eetech.mcgill.ca /pub/ham-radio
ftp://bubba.business.uwo.ca /mods
ftp://garfield.catt.ncsu.edu /pub/hamradio
ftp://ftp.sunet.se /pub/radio
ftp://ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
ftp://mgate.arrl.org ARRL FTP site
ftp://ftp.cs.buffalo.edu /pub/ham-radio

ftp://ucsd.edu /hamradio
ftp://unbc.edu /ampr
ftp://tandem.com /hamradio
ftp://nic.funet.fi /pub/ham
ftp://ftp.demon.co.uk /pub/ham/mac - MAC stuff
ftp://grivel.une.edu.au /ham-radio
ftp://rtfm.mit.edu /pub/usenet/news.answers/ham-radio - Radio FAQs
ftp://ftp.qrz.com /qrz - QRZ CD-ROM files (no callsign database)
ftp://archive.afit.af.mil /pub/space/amateur.tle - Keplerian Elements
ftp://ftp.crl.com /user/ro/vhealey/www (use WWW viewer for HTML docs)
ftp://scitsc..wlv.ac.uk /pub/hamradio - UK ham radio stuff, buffalo mirror
ftp://ftp.iea.com /pub/borg/hdn - Ham Distribution Network site
ftp://wb3ffv1.sed.csc.com /ham

E-Mail servers (URLS)
---
mailto:ftpmail@exchange.tlh.fl.us - get INDEX.TXT
mailto:qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
mailto:callbook@n8emr.cmhnet.org - Callsign server
mailto:wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mailto:mail-server@rtfm.mit.edu - put help in the message body
mailto:rccons!fileserv@telerama.lm.com - All Ohio scanner club.type: GET AOSCINFO.ZIP

Gopher (URLS)
---
gopher://gopher.switch.ch /11/misc/faq/faq-dir FAQs
gopher://hamster.business.uwo.ca (129.100.89.100)
gopher://gopher.cic.net /11/e-serials/general/radio
gopher://scitsc.wlv.ac.uk /11/pub/hamradio
gopher://yfn.ysu.edu /11/public/sigs/ham
gopher://gopher.fcc.gov

USENET (URLS)
---
news:alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
news:alt.cellular - (I've never seen any cellular related traffic yet)
news:alt.radio.pirate - Pirate radio station topics
news:rec.antiques.radio+phono - Antique radio & phono topics
news:rec.radio.amateur.antenna - Antenna related topics
news:rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
news:rec.radio.amateur.misc - Main newsgroup for Ham radio topics
news:rec.radio.amateur.digital.misc - Digital communications (including Packet)
news:rec.radio.amateur.homebrew - Make your own radio equipment
news:rec.radio.amateur.packet - (not used any more?)
news:rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
news:rec.radio.amateur.space - Ham radio & space communications
news:rec.radio.broadcasting - AM & FM broadcasting
news:rec.radio.scanner - Monitoring above 30 MHz
news:rec.radio.shortwave - Monitoring below 30 MHz
news:rec.radio.swap - radio related sales & swap topics
news:rec.radio.cb - Citizens Band Radio topics

news:rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)
news:phil.scanner - Scanner topics in the Philadelphia, PA area.

MAILING LISTS
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rccons!rec@telerama.lm.com -Western Pennsylvania scanner mailing list

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1183. Re: New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 16:32:58 UTC
From: domonkos <domonkos@access.digex.net>
Message-ID: <3g5ufq$oic@news1.digex.net>
Source record: 262344

> I hope someone will tell me I'm all worked up for nothing. If not, how
> long before it becomes illegal to listen to police and fire dispatching?
>
> --
>
> "Never let work interfere with your reasons for working."
>
> Kim Helliwell

Guess the new policy should read 'don't ask, don't tell...'

Andy

1184. Looking for a PRO39 "beep" mod

Newsgroup: rec.radio.scanner
Date: 1995-01-25 17:15:37 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Jan25.111537.3515@driftwood.cray.com>
Source record: 262256

In the archives are "beep" mods for the PRO2006, PRO43 and PRO51 to either disable or reduce the volume of the beep heard when keys are pressed.

Does anyone have experience with this type of mod for the PRO39?

Thanks in advance...
Jon

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

1185. TR 980

Newsgroup: rec.radio.scanner
Date: 1995-01-25 17:17:35 UTC
From: Michael Cole <mbcole@clark.net>
Message-ID: <3g613f$ieg@clarknet.clark.net>
Source record: 262351

I have had a Trident TR-980 scanner for about 4 months now.
This is the first scanner that I have ever owned, so I am not
all that familiar with their characteristics. When plugged into the
wall, it seems to work well enough, but when I try to use it with
rechargeable batteries, the power only lasts for about 10 minutes,
then the unit goes dead. I have tried several brands of batteries
and I know the charger works from trying the batteries in different
appliances. Alkaline batteries seem to provide power for about 4-5
hours, depending mostly on volume. Has anyone else out there has these
problems, know a solution, or just want to share some info on this
particular scanner?

Thanks,
Michael Cole.

1186. Bearcat 55XLT mods

Newsgroup: rec.radio.scanner
Date: 1995-01-25 17:20:50 UTC
From: kerhop@eskimo.com
Message-ID: <D2z1Ir.2AJ@eskimo.com>
Source record: 262348

With all the posts on how to mod our scanners for additional memory or expanded freq range, could someone post mods for the BearCat 55XLT? maybe I'm just fantasizing but since the digital display can go up to 10 channels, why not 19 channels? Oh, and extra freqs would be nice too.

1187. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-25 17:46:04 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.3.003C8B5C@infinet.com>
Source record: 262238
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <gradyD2tEAI.1y1@netcom.com> grady@netcom.com (Grady Ward) writes:
>From: grady@netcom.com (Grady Ward)
>Subject: Re: Kerchunking fer fun
>Date: Sun, 22 Jan 1995 16:11:05 GMT

>Fran (75471.304@CompuServe.COM) wrote:
>: An unidentified transmission of any kind is technically illegal.
>: It's illegal to "kerchunk"

Right. And it's legal to drive 80 in a 55 mph zone. Find the Part 97 text that supports your statement and post it.

Hint: You won't find it.

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The first rule of intelligent tinkering is to save all the parts.
Speaking on, but not for, NewsRadio 610 WTVN.

1188. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-25 17:51:06 UTC
From: msuggs@acpub.duke.edu
Message-ID: <3g632a$slu@news.duke.edu>
Source record: 262349

In article <3g4mvs$lir@ixnews1.ix.netcom.com> wright1@ix.netcom.com (Kenneth Wright) writes:
>Any suggestions on an external speaker for my Pro-43 which is hard to
>hear while driving?
>
>Thanks,

If you have a cassette player in your car, you can buy one of those cassette to CD adapters and plug it into you earphone jack(if yours has one) and you can hear over your car speakers. It works really well.

Mark

1189. AR8000 and hissing headphones

Newsgroup: rec.radio.scanner
Date: 1995-01-25 17:57:50 UTC
From: march@tudor.com
Message-ID: <MARCH.95Jan25125751@bonehead.tudor.com>
Source record: 262271

First off, a public thanks to Vic for the great AR8000 homepage!

Down to business...

Has anyone noticed a great deal of hissing when using headphones on the AR8000? On my scanner, this hissing is almost as loud as a strong signal with no voice, i.e. quiet. In fact, when in scan mode, if a signal like this is detected, it is *very* hard to even tell that the AR8000 has locked on to a signal or is still scanning. The hiss is audible the second you turn the scanner on.

Note that this hissing is *not* audible from the speaker when the headphones are not connected.

I am currently using a pair of Sony "in ear" stereo headphones connected to a high quality mono to stereo adapter. I don't think this has anything to do with it as I've taken the adaptor out and listened (with one ear) and still heard the hiss.

Also, I think someone was mentioning something about this, so for completeness, I'll state my observations here. I've found some strong signals on some frequencies I listen to that are there regardless of whether or not the antenna is attached. These signals do not show up on my 200XLT. What's the technical term for this? Birdie?

Thanks...

greg
--

Gregory F. March march@tudor.com

1190. Anyone have Bismarck/Mandan N.D. freqs.?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 18:16:33 UTC
From: mundahl@plains.NoDak.edu
Message-ID: <D2z43L.xEM@ns1.nodak.edu>
Source record: 262347

Hello, I know there are those of you who get torqued when other people ask for frequencies, but I am willing to take that chance here. Does anybody out there have ANY frequencies for Bismarck and/or Mandan N.D.? Please e-mail me asap. if you do. Thanks Alot!!!

Mike R. Mundahl

mundahl@plains.NoDak.edu
mundahl@badlands.NoDak.edu

1191. Wanted Minneapolis freq list

Newsgroup: rec.radio.scanner
Date: 1995-01-25 19:02:16 UTC
From: Tom Dawson <76060.2606@CompuServe.COM>
Message-ID: <3g677o$mt1$4@mhadg.production.compuserve.com>
Source record: 262354

Thanks!!

Tom

--
Tom Dawson
76060,2606@CompuServe.COM

1192. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-25 19:25:33 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.234.000D6D66@chevron.com>
Source record: 262178
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2wxs1.Azx@world.std.com> jjmartin@world.std.com (James J Martin) writes:

>>No provision of these rules prevents the use by an amateur station of any
>>means of radiocommunication at it's disposal to provide essential
>>communication needs in connection with the immediate safety of human life
>>and immediate protection of property when normal communication systems
>>are not available.

>Just wondering Les, if Part 97 is the rules for the Amateur Radio service,
>how can they apply to any other service. Sorry, but they can't.

>Although I agree that the radio was taken illegally, Part 97 is not the
>instrument (the paragraph you cited) that allows a person to use any
>means of communications in another service.

[snip]

It certainly does apply. It applies to the use of an amateur station. If such a station is capable, under the described conditions, of communications outside the amateur sevice, those communications are permitted under the above paragraph (97.403). In addtion, a station is distress can use ANY MEANS AT ITS DISPOSAL to attract attention, make known its condition and location, and obtain assistance - refer to 97.405. In other words, if my equipment provides out the ordinary capability, I am allowed to use it when ordinary means don't work.

However, in my situation, I would likely look for a system operated by my employer before I surprised a sheriff dispatcher. But my knowledge of other commercial systems put other means "at my disposal". Still, use of my amateur equipment on petroleum or business services would subject to the conditions of 97.403/405.

The purpose of these paragraphs is to cover just such an incident as occured in southern California.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1193. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-25 19:27:56 UTC
From: grady@netcom.com
Message-ID: <gradyD2z7EK.8Gs@netcom.com>
Source record: 262257
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

Of course the real point of this thread is how useful is
two way radio communication is after the fall. One has
to assume that the FCC enforcement won't be too strong,
nor would 3 watt HTs on 440 cause too much interference even
out of band.

I might suggest that with roads blocked, telephone lines down,
power grids disrupted, and feral groups wandering around the
ruins that radio communication might be more important than
weaponry in putting up a coherent defense. The military
even deems it important enough to have a name for it: c-cubed.

A portable HT capable of out-of-band comm wil be worth more than it
weight in gold. Making them even more useful is that they operate
as scanners to monitor whatever official comms are still happening.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

1194. What are those new LAPD radios?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 19:30:52 UTC
From: hglassma@daniel.drew.edu
Message-ID: <1995Jan25.193053.115107@daniel>
Source record: 262239

I saw that the LAPD is finally replacing its antiquated fleet of Motorola MX-300 series portables with a new radio that looks like an updated model of the Motorola Saber.

They have what looks like two rows of three green buttons right under the display screen.

Does anyone know what these radios are called and what their capabilties are??

Thanks.....

1195. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-25 19:33:01 UTC
From: jbrooker@ic.net
Message-ID: <3g691d$87u@condor.ic.net>
Source record: 262236

Jeff Goldman (76703.4224@CompuServe.COM) wrote:
: I hope you aren't using the totally useless antenna that comes with the
: AR8000.

What antenna do you suggest ??

Thanks.

1196. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 20:06:57 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.7.0029059D@infinet.com>
Source record: 262353

>I've been reading this thread for a while, waiting for someone to
>write why it really is (probably; I'm no lawyer) legal for newspaper
>reporters to use scanners.

Why do you think it would be illegal for a reporter (radio, television, or newspaper) to use a scanner? How else would the media know about a major police or fire event?

A good reporter WILL NOT USE INFORMATION from the scanner. Instead, the reporter will lumber out to the car and drive to the scene of the event, or will lurch across the room to the phone and call the dispatcher.

In Columbus the police and fire departments are on an 800Mhz trunked system. The police department provided (once we paid them for it) a radio that's exactly like the ones in cruisers and fire equipment. It's programmed to the talk groups they want us to have, meaning "private call" conversations and special "tactical" information never shows up on the radio.

We use scanners to monitor the 19 voice frequencies so that we at least have a chance of hearing about someting that's on the "blacked-out" talk groups.

But having heard the information, no reporter at WTVN would ever go on the air and use the information directly. Once we have a clue, we get the story the old-fashioned way.

Hope that clears up your questions.

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The first rule of intelligent tinkering is to save all the parts.
Speaking on, but not for, NewsRadio 610 WTVN.

1197. Re: Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-25 20:25:21 UTC
From: pp002904@interramp.com
Message-ID: <NEWTNews.4465.791069427.pp002904@pp002904.interramp.com>
Source record: 262356

In article <3g1qi1$d6i@mojo.eng.umd.edu>, <achern@jupiter.avl.umd.edu> writes:

>
> Rick Colombo (colombo@fnalv.fnal.gov) wrote:
> : I've noticed that people that don't want phone calls, take the cordless
phone
> : off the base, ignore the beeps and such, then the phone broadcasts anything
> : it picks up in the room back to the base, and around the neighborhood as
well.
>
> This may be, but what you're probably hearing are room/baby monitors. They
> operate on (almost) the same frequencies and can be mistaken for what you've
> written.
>
> -Alex.
>
I agree, this is almost certainly baby monitors, and the frequencies they
use are precisely the same as 49MHz cordless phone freqs, although the
monitors don't use all the freqs that cordless phones do.

1198. Re: Pro 43 Intermittant

Newsgroup: rec.radio.scanner
Date: 1995-01-25 20:30:48 UTC
From: schuster@panix.com
Message-ID: <3g6cdo$d54@panix3.panix.com>
Source record: 262359

In article <drb.7.006575BB@rmii.com>, Dan R. Berthelot <drb@rmii.com> wrote:
>I have a "modified" RS Pro43. Sometimes I turn it on and it recieves fine.
>Mostly police and fire calls. Other times I turn it on and nothing except
>hash if I turn the squelch down. I leave it on most of the time and it
>seems to work when it feels like it. Anyone else expierence this?

Nope.

Sounds like you have a loose connection somewhere. Perhaps you didn't
re-solder the center antenna lead back solidly.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1199. Re: San Ramon, CA Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-25 20:37:14 UTC
From: fredu@netcom.com
Message-ID: <freduD2zAM2.20D@netcom.com>
Source record: 262225

Rudy A. Willis (rwillis@popper.pacbell.com) wrote:
: Can anyone provide a listing of freqs for the San Ramon, CA area?

: These are not available (due to the small population) in the standard
: frequency publications. Thank you.
: ---
I bought some good listings from an outfit in Concord. Can't remember name of store, but it was on or just off Clayton. If you can't find them, e-mail me and I'll dig up the name for you. (I'm in a meeting at work and not able to give you much more than this without getting up an leaving!).

Regards,
Fred Urrutia
Livermore, CA

1200. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 20:41:25 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2501951537580001@alexander.terranet.com>
Source record: 262361

> I don't argue the law with teenagers. You're sounding like one.
>
> The Act is very clear and explicit. There is no room for interpretation
> or semantic dodging. And it is not "obsolete", for it is still in effect as
> the main body of law that governs communications and gives the Federal
> government its authority to regulate same.

Hmmm, sounding like a teenager? I'll take that as a compliment. It is often young people who are unwilling to accept the status quo just because someone has put it in writing and called it a "law." And for what it's wroth, you're sounding like an old fart. The difference between us, I guess is that I'm willing to debate issues, if for no other reason than to listen to the other's point of view. And gee, Pops, you may be able to convince me of the soundness of your views if your supported them with logic, percision and clarity.

--
Michael Alexander
"Nils Carborundum"

1201. Re: Ar8000 Problems or operator 'all thumbs?'

Newsgroup: rec.radio.scanner
Date: 1995-01-25 20:52:12 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD2zBB1.50A@netcom.com>
Source record: 262227

In article <3g41pp$mnj@nntp.crl.com> "Victor Healey (ki4je)" <vhealey@crl.com> writes:
>When Ericson wrote that holding the side func button would affect
>the operation of the vfo knob in a desirable manner it quickly
>becomes clear that if any button is inadvertantly
>pressed by an individual while using the ar8000's top knob
>unexpected operation may occur. This may explain the behavior
>unique to one individual but not duplicable by others.

In my case, this isn't the problem. I made quite sure that I wasn't pressing any buttons while I was turning the dial. The fact that the dial works fine when turned counterclockwise but screws up when turned clockwise indicates this problem is not user error. In fact, I just tried it again with the radio standing upright on a table so my only physical contact with it was my finger on the dial. Same result: it doesn't work when turned clockwise.

I suspect, in my case anyway, that the problem is related to a bad encoder combined with poorly written firmware. The encoder is probably sending spurrious signals to the CPU when I rotate it clockwise and the firmware can't correctly debounce the bogus data. I write firmware for a living so I know that this is a plausible scenario.

The cure in my case will be a new radio. Most encoders probably work well enough that the firmware doesn't have problems.

1202. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:06:04 UTC
From: achern@jupiter.avl.umd.edu
Message-ID: <3g6efs$r00@mojo.eng.umd.edu>
Source record: 262362

Mark Suggs (msuggs@acpub.duke.edu) wrote:
: If you have a cassette player in your car, you can buy one of those cassette
: to CD adapters and plug it into you earphone jack(if yours has one) and you
: can hear over your car speakers. It works really well.

I tried this and the FM transmitter idea, but the drawback to these is that you can't listen to your car radio/tape/CD player while listening to your scanner. I'm sure some people don't listen to the two at once anyway, in which case there's no problem. Personally, I like to play the radio/tape/CD quietly on the two rear speakers in my car while listening to the scanner. To amplify the sound I use the Radio Shack amplified speaker. I hook it up directly to the battery (well, with a fuse, of course) in line with a heavy-duty noise capacity to eliminate alternator whine. I use the same feed to supply power to the Radio Shack car adapter, this reduces a lot of the radio interference that I would have to put up with if I plugged everything into the cigarette lighter. Also, this leaves the cigarette lighter available and doesn't clutter up the dash with lots of wires (everything is under the front seat). I removed the ampilifier unit from the speaker and put JUST the speaker in a much smaller "box" and attached that securely to the top corner of the windshield on the driver's side (note: if you do this, attach it well enough so that it doesn't become a projectile in a collision). The Radio Shack amplifier has enough output to actually allow to me listen to my scanner clearly while _outside_ of my car, such as while pumping gas. Since the setup goes right to the battery, I don't have to leave my keys in the ignition. Of course the output of the amp is a function of the output of the scanner, but I was using a PRO-62 (poor audio in my opinion) and there was more than enough ampilification.

All in all, I don't like the idea of having lots of wires floating around the dash area, I like to have my cigarette lighter available, as well as my stereo. If you want to go through the trouble, it's definately worth it.

-Alex.

1203. Re: McDonald's....sort of... >-Here ya go.

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:08:41 UTC
From: dctrhappy@aol.com
Message-ID: <3g6ekp$5t@newsbf02.news.aol.com>
Source record: 262363

```
Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775
```

1204. Re: Computer control and ECPA

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:16:31 UTC
From: henniger@cisco.com
Message-ID: <henniger.791068591@cisco.com>
Source record: 262231

In <3g5pa3$8d5@service1.uky.edu> Harold G Peach Jr <hpeach@pop.uky.edu> writes:

>Let me start by saying that I do not monitor cellular. However, I
>would like to have a truly computer-controlled scanner. (I am
>using the COMMTRONICS HB-232 now, but it is still limited to what
>the scanner's microprocessor will allow.)

>How difficult would it be to purchase a scanner, gut it, use the
>receiver and PLL, but replace the microprocessor with a PC? By
>placing the "smarts" in the PC, you could make it scan whatever
>range you wanted (within the limits of the receiver) and use
>whatever STEPS you wished. The possibilities are endless!

From what little I have heard about the Commtronics, they control
the radio by pressing the keys electrically, so it won't work for blocked
radios.

There was an 8 wire interface between the microprocessor and the
PLL hardware on the pro-2006 which did band selection, and programmed the
PLL's... everything there you need to control the radio part (but not
the display.)

From what I've read, I inferred that the Opto 567 just plugs into this
8 wire bus. This is what you want. Okay, so what about new blocked
scanners?

If you look at the reviews of the pro 2035, they stole much of the design
from the 2006, including the keypad and general layout. It it likely
(would someone check?) that the 8 wire bus exists on the 2035 as well.

If it does, then Opto is probably already coming up with a solution
that uses their 567 hardware and potentially a change in software if the
pll changed, etc.

Ask them.

Mick

>Any thoughts?

>Harold
>hpeach@pop.uky.edu

1205. Duplex

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:18:15 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6077@rook.ukc.ac.uk>
Source record: 262374

If you have identified a duplex system, particularly where one frequency is a bit stronger than the other, is it generally best to:

1) Put both frequencies in without delay, to switch between the two, and run the risk of something else butting in along the way;

OR

2) Putting a delay on the better one, so that you remain with the exchange but only get one side of it?

1206. Re: RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:21:26 UTC
From: moon007@ibm.net
Message-ID: <3g6fcm$1rn0@news-s01.ny.us.ibm.net>
Source record: 262366

In <D2yHI3.CM4@pwa.acusd.edu>, bartdoug@acusd.edu (Douglas Barton) writes:
>I decided to go to my local Radio Shack and order the shop manuals for my
>Pro-43, 46, and 2006 scanners, and was told by the salesperson that RS
>won't sell them to me since they contain "secret" information with which
>I could do illegal things!
<snip>
The sales rep probably didn't know how to get them... Thru RS's National Parts, he could have ordered it. I would try a different Shack or different salesman... Remember, he's not gonna want to spend alot of time on a $10 sale. You should have the Catalog number (20-xxx) to help speed things. Having inside connections with RS, I could help if you really
need it. (I don't work for RS, but I do know some of their internal workings....)

Andy

1207. pro43-old id-sent back-modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:23:14 UTC
From: lubecke@tumbler-ridge.caltech.edu
Message-ID: <3g6fg2$p67@gap.cco.caltech.edu>
Source record: 262226

I tracked down a pro43 by phone which has the old numbers (no A in s/n and fccid aa020-300). The RS guy said it had been sent back to Fortworth to be "re-worked" after the new law. Does anybody know if such a radio can be modified? Can I tell by looking inside without making it non-returnable?

Victor

1208. Oki 300 Cell Phone

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:24:02 UTC
From: moon007@ibm.net
Message-ID: <3g6fhi$1rn0@news-s01.ny.us.ibm.net>
Source record: 262367

Does anyone know about the OKi cell phone that you can get to use as a
monitor which will let you follow hand-off's so you can follow a conversation?
I have heard of a kit that will let you do this... I'm just looking for info...

Thanks
Andy

1209. Re: AR8000 antenna.

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:35:04 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6078@rook.ukc.ac.uk>
Source record: 262364

In article <3fmudn$dv9@nntp.crl.com> Victor Healey Ki4je <vhealey@crl.com> writes:
>> If you want a good all-band, get a long telescoping antenna or the Radio
>> Shack center loaded telescoping whip ($9.95).
>Has anyone thought to be cautious with the latter antennas mentioned above.
>These can put tremendous stress on the BNC as the HT is waved about. Eventually

I tend to use the telescopic for around the house when the scanner is pretty
much stationary and needs to drag in a few signals.
If out and about, eg. at an airport, I would put the rubber duck back on
since the signals would be stronger and the whole thing generally a bit
less conspicuous.

1210. Re: RS Pro 39 [No Gaps]

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:37:29 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6079@rook.ukc.ac.uk>
Source record: 262365

In article <oppD2oCt1.4J8@netcom.com> opp@netcom.com writes:
>I have an RS Pro 39 handheld with 200 channels, hyperscan and full 800.
>and comes with fresh nicads, ac adaptor, manual, etc. $310 includes ups

The manual rates it at nominal 9V. But there seems to be no difference
between using 9V and 7.5V.

I suppose 6 Nicads x 1.2V = 7.2V

I am not sure what the maximum current drain is with it, so I tend to
lower the voltage a bit with an unregulated AC adaptor.

1211. ftp freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:42:24 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6080@rook.ukc.ac.uk>
Source record: 262247

Are there any ftp/WWW or whatever sites to obtain UK frequencies?
THere are loads for the US but they ain't of much use :-(

1212. Old Pro 46 Modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 21:51:48 UTC
From: hanebuth@er7.rutgers.edu
Message-ID: <3g6h5k$2q9@er7.rutgers.edu>
Source record: 262237

I had forsight and bought 2 RS scanners a 2030 and a PRO-46 both with
the cell freq's in them.
Are there any mods that can be made to the old 46
(SN 35068024, FCC ID AA020-305) Date code 11A3 (I think)

Thanks For the help.

-Stu

--
* Stuart Hanebuth * Minister of the Obsolete *
* hanebuth@eden.rutgers.edu * Dogberts New Ruling Class *
* (908) 932-8319 Rutgers University * My XT is faster than my 386-40 *
* (908) 745-7685 TeleType (For Real) * running windows, and my XT was FREE! *

1213. WTB: AOR8000 -Best Place??

Newsgroup: rec.radio.scanner
Date: 1995-01-25 22:00:19 UTC
From: daryll1@aol.com
Message-ID: <3g6hlj$kr@newsbf02.news.aol.com>
Source record: 262230

I am interested in purchasing an AOR-8000 handheld. Where is the best place to purchase one of these critters? I want the un-blocked version. Atlantic Ham Radio in Toronto has them but wants $815 US apiece. Waaaayyy too much, considering that the US (blocked) version is selling at under $600. Please advise. Many thanks! ....Daryll

1214. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-25 22:08:33 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Jan25.160833@fnalv.fnal.gov>
Source record: 262233

In article <3g4mvs$lir@ixnews1.ix.netcom.com>, wright1@ix.netcom.com (Kenneth Wright) writes:
> Any suggestions on an external speaker for my Pro-43 which is hard to
> hear while driving?
>
> Thanks,
>
> --
> from Ken Wright -
> wright1@ix.netcom.com

I thought the RS external speakers would just plug into the earphone jack although you may need an adaptor plug. I'm looking at either 21-549 or the powered one 21-541.

RC

1215. Re: Ar8000 Problems or operator 'all thumbs?'

Newsgroup: rec.radio.scanner
Date: 1995-01-25 22:19:06 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3g6ioq$t2c@nntp.crl.com>
Source record: 262369

jgardner@netcom.com (Jerry Gardner) wrote:
Could it be a cold or missing solder joint on one of the leads
from the rotary encoder? Since it occurs in one direction
that seems plausivble as to defect.

1216. For Sale!!

Newsgroup: rec.radio.scanner
Date: 1995-01-25 22:20:31 UTC
From: djansen@rocket.cc.umr.edu
Message-ID: <3g6irf$88h@hptemp1.cc.umr.edu>
Source record: 262235

I have a pro-62 for sale and I may want to part with the Pro-39 (with cell) that I have. Please send offers to djansen@umr.edu --

---- Dwain Jansen ----

1217. AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-25 22:31:05 UTC
From: rsharp@paul.spu.edu
Message-ID: <3g6jf9$e05@adam.spu.edu>
Source record: 262372

If cell is in 30khz steps (isn't it?) then what should be the start frequency and the end frequency when I program a search... that is hypothetically <G>?

1218. AR 8000 interface cable?

Newsgroup: rec.radio.scanner
Date: 1995-01-25 22:31:53 UTC
From: rsharp@paul.spu.edu
Message-ID: <3g6jgp$e05@adam.spu.edu>
Source record: 262373

Anyone know the best available price for the PC and the needed software?

1219. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-25 23:06:51 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.17.00C8B2B0@infinet.com>
Source record: 262370

In article <michael-2301950530310001@alexander.terranet.com>
michael@alexander.terranet.com (Michael Alexander) writes:
>I have. You apparently have no clue as to the origin of the law and its
intent.>For all intents and purposes, that law is obsolete. Obviously one can
tune into>FM radio and other public broadcasts using a scanner and there is
obviously no>restriction on divulging etc.

You are correct. One can tune PUBLIC BROADCASTS and divulge anything you hear
to anyone.

You are also dead wrong. One cannot tune POLICE/FIRE/TELEPHONE (except
"cordless phones") and divulge anything.

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The first rule of intelligent tinkering is to save all the parts.
Speaking on, but not for, NewsRadio 610 WTVN.

1220. Re: Can anyone read this? I can't

Newsgroup: rec.radio.scanner
Date: 1995-01-25 23:27:24 UTC
From: einarlid@troll.vestnett.no
Message-ID: <3g6mos$nbm@oslo-nntp.eunet.no>
Source record: 262371

Yes SIR

Norway 25-Jan-95 22:11:16 einarlid@vestnett.no

1221. Re: ScanNet News

Newsgroup: rec.radio.scanner
Date: 1995-01-25 23:43:46 UTC
From: cliffs@lazlo.steam.com
Message-ID: <3g6nni$jn7@kadath.zeitgeist.net>
Source record: 262232

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: > From: YPSE19A@prodigy.com (Nicholas Messina)
: > Organization: Prodigy Services Company 1-800-PRODIGY

: > Please E-mail me all scanner related stories. Your best experiances

: Do you have to post this every week?

: > ScanNet News is a FREE Newsletter. you only pay for postage.

: If so, why don't you distribute it electronically?

Even worse, I got unsolicited email from this bozo. Great,
post to a newsgroup and get on a damn mailinging list. Even though
I was interested in scannet, I will not do business with people
who exibit anti-social behavior.

Ask yourself "If everyone did what I was about to do would the
net be a better place?" before you do it. This saying has
been around for hundreds of years (well without the "net") and
still people don't ask it enough.

Cliff

--
Cliff Skolnick N1DPH | Remember you are unique, just like everyone else.
cliffs@steam.com |
PGP key via finger | /earth is 98% full, please delete anyone you can.
Just say "NO" to clipper | -- Zippy?

1222. Re: EUREKA!! New PRO-51 successfully modified to r

Newsgroup: rec.radio.scanner
Date: 1995-01-26 00:49:00 UTC
From: mdagnillo@cc.weber.edu
Message-ID: <25JAN199517492888@cc.weber.edu>
Source record: 262255

In article <3g5s8a$k4h$2@mhade.production.compuserve.com>, Jeff Goldman
<76703.4224@CompuServe.COM> writes...
>Hold down 2,9 & BAND or 2,9 & MONI. You'll see all the display indicators
>light up repeatedly. At any time, just hold down 2,9 & L/O all at once.
>Within about half a second, you'll be in the Test Mode that has 888.96MHz
>in Channel 23.

Thier is also a way to take out the test mode to reset orginal settings
but I can't remember the key codes could someone e-mail or post
those key codes.
Thanks alot
Mark D'Agnillo
?
?
?
?
?
?

1223. Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:07:00 UTC
From: terry.mccarty@outland.raleigh.nc.us
Message-ID: <8A244F3.0278000F51.uuout@outland.raleigh.nc.us>
Source record: 262262
Cross-posted to: N,rec.radio.scanner

Here is an interesting article I picked up from a local BBS. Seems like the best explanation I have heard regarding the name "Ham". Guess if some one really wanted to check it out they could go to the Congressional Record for the dates listed as well as newspapers of the time. Anyway it sounds good. Hope you enjoy.

WHY RADIO AMATEURS ARE CALLED "HAMS"
From Florida Skip Magazine - 1959

Have you ever wondered why radio amateurs are called "HAMS"? Well, it goes like this: The word "HAM" as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the Harvard Radio Club. They were ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY.

At first they called their station "HYMAN-ALMY-MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU", using the first two letters of each of their names. Early in 1901 some confusion resulted between signals from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO". They then decided to use only the first letter of each name, and the station CALL became "HAM".

In the early pioneer days of unregulated radio amateur operators picked their own frequency and call-letters. Then, as now, some amateurs had better signals than commercial stations. The resulting interference came to the attention of congressional committees in Washington and Congress gave much time to proposed legislation designed to critically limit amateur radio activity. In 1911, ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for his Thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID I. WALSH, a member of one of the committees hearing the Bill. The Senator was so impressed with the thesis is that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through that they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL and little station "HAM" became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about

the "...poor little station HAM". That's how it all started. You will find the whole story in the Congressional Record.

Nation-wide publicity associated station "HAM" with amateur radio operators. From that day to this, and probably until the end of time in radio
an amateur is a "HAM"

terry.mccarty@outland.raleigh.nc.us (Former K1SWL)

1224. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:08:22 UTC
From: jim4dice@aol.com
Message-ID: <3g6sm6$2s4@newsbf02.news.aol.com>
Source record: 262242

romulus@escape.com (romulus) wrote:

>Bob Cmar (bcmar@panix.com) wrote:
>: Nathaniel Fredman (drno@intac.com) wrote:
>: : Anyone know of any interesting frequencies in the New York City
area??
>: : Thanks.

>: If so, post them here, don't just e-mail.
>: --
>: --
>: Bob Cmar (bcmar@panix.com)
>: In New York City's Colorful and Romantic Lower East Side

>I've had the same questions myself a few weeks ago. I suggest that you
>purchase "Police Call" and "Beyond Police Call" at radio shack. Police
>call is packed with freq's on emergency city/county, State/Federal,
>Highway Maintenance Paramedics, Forestry, Aircraft, Railroads. Since you

>are looking for NYC freqs, make sure that you get Volume 1 1995 Edition,
>which covers NY (NYC), Conecticut, Main, Massachusetts, New Hampshire,
>Rhode Island and Vermont.

Police call is a great resource. More detailed and more expensive than
Police call, but certainly worth the extra dollars is the NY Metro/NJ
edition of Scanner Master ($29.95 from Scanner Master 1-800-722-6701).
It's not updated as often as Police Call, but contains a wealth of
information about the Police/Fire/Ambulance frequencies and more for the
NYC Metropolitan area, upstate NY, L.I., Farirfield Cty., CT and Northern
NJ. Includes such things as car designators, radio codes, precinct maps,
frequency uses, etc. Well worth the investment as a companion reference
to Police Call.

Jim Fordyce
Coram, NY
jim4dice@aol.com

1225. AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:09:09 UTC
From: erikw@bat.engr.sgi.com
Message-ID: <3g6snl$pmj@fido.asd.sgi.com>
Source record: 262184
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

So I recently picked up a used AR1000XLT that i found in the paper. After some stomping of feet, pulling of hair, and cursing the human factors group at AOR, i think i am finally getting the hang of the, so called "User Interface". Being a Hardware guy i couldn't resist the opportunity to take it apart and have a look. Not to many surprises really, except one, the scanner is controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made by NEC with an 8kB external ROM. So i am wondering if anyone has been successful at interfaceing to it. It sure wound be allot simpler to program those 1000 channels using my computer. Any takers?
I would also appreciate any "scanner tricks" advice from you AR1000 experts out there, like how to scan arbitrary banks, unlock a bank with out unlocking all locked channels first, jump through hoops.

Cheers Erik Wahlstrom
ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
PH. 415 390 3135 Fax 415 967 8496

This message contains my opinions which are in no way those of my employer.

1226. Anyone here use the AR3000A?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:09:37 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD2zn81.4tz@netcom.com>
Source record: 262258

Do any of you here on the net have and/or use the AOR AR3000A? If you do, I'd appreciate it if you could tell me your impressions of it, especially how it compares to other receivers such as the Icom 7100, the BC8500XLT (or BC9000XLT), or the Pro-2035.

Thanks.

- Jerry

1227. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:14:41 UTC
From: gazerz@aol.com
Message-ID: <3g6t21$2va@newsbf02.news.aol.com>
Source record: 262243

Metro Traffic Control in the NYC/LI/NJ area is
450.8125R

Andy O'Rooke (sp?) is very funny in the chopper. He was doing a Jerky Boy thing the other day with base while off the air. Pretty funny stuff, tough guy.

1228. Re: Secret Service Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:26:21 UTC
From: gazerz@aol.com
Message-ID: <3g6tnt$350@newsbf02.news.aol.com>
Source record: 262248

I posted this last time SS frequencies came up.

I heard the following transmissions from Mahwah NJ. Mahwah is 25 miles from Manhatten, 50 miles from JFK and 35 miles from Newark airports.

I used my Pro-43 with its stock antenna. I was inside while monitoring.

The following is a key to some of the frequencies.
* = Used by the USSS (United States Secret Service).
+ = Used by the USSS, WHCA (White House Communications Agency) and the White House Staff.

Freq. Identifier Time

167.025 Whiskey 18:30 'Primary Paging'
165.375 Charlie 18:40 * 'National Primary' "We have Albany"
166.510 Alpha 18:52 "Radio check"
167.025 Whiskey 18:58
167.025 Whiskey 19:05
167.025 Whiskey 19:10
165.785 Baker 19:17 * 'Escorts' (Static)
164.885 Oscar 19:50 + (Static then heard, "Call 8875")
165.375 Charlie 20:00 * "OK. At your convinence call 2908."
166.700 November 20:02 + "Anwser if you're there. Anwser."
166.700 November 20:09 + "Dial the operater. (static) Dial the operater. (static) Shemp."

165.375 Charlie 20:15 * (static)
167.025 Whiskey 20:19
166.510 Alpha 20:23 (static)
165.785 Baker 20:44 * "Alright. Give me a call before you call that. I have a new iteam for you."

165.375 Charlie 20:51 * "Baboos, Baboos. Please report to the security room."

165.375 Charlie 20:52 * "Baboos."
165.375 Charlie 20:52 * "You have to talk to Baboos at the airport
security room."

166.700 November 21:01 + "Dial operater three times."
165.785 Baker 21:05 * "We have a three car procedure."
165.375 Charlie 21:14 * "Any possible time you can give him a call."
165.375 Charlie 21:14 * "Can you switch over to Mike."
407.850 Echo 21:28 Ground-to-air WHCA mobile link

(static)

The next transmission was only a one-way conversation at my end. The conversation started at 21:31 and ended at 21:37
407.850 Echo 21:31 "Carter? It was medium raw. We could pump it up. (static) Yes...Ed fingers. (static) Yes. National Republic Debate. (static) I have to leave at 9 for the debate. (static) Jack Kennedy Governor I believe (static) Yes. (static)We have the sewer lines installed (static)What time is the event. (static) How do you run the trips. (static) I'll talk to you when I get back, Carter. (static) Bye.

164.885 Oscar 21:38 + (static)

1229. Re: EUREKA!! New PRO-51 successfully modified to r

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:26:45 UTC
From: wa1omm@aol.com
Message-ID: <3g6tol$355@newsbf02.news.aol.com>
Source record: 262249

OK, so that's how it's done for the 51. What about for the 8000?

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

1230. Looking buy modifiable RS scanner - which one?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:38:20 UTC
From: micsaund@lamar.ColoState.EDU
Message-ID: <3g6uec$3ijn@lamar.ColoState.EDU>
Source record: 262261

I'm don't usually read this group (because I don't currently have a scanner), but I'm looking to buy one soon. I need some information as to what scanner to get that is still modifiable. I have pretty much narrowed the search down to a Radio Shaft re-branded model, so any pointers would be appreciated.

I am after a portable model, affordably priced, and thus think that I'll only be able to get a 100 channel model. If there are any 100 channel models that can be upgraded very simply (unlike the BC100XLT memory mod) that would be a plus. I'm also after full 800mhz coverage also.

Thanks in advance!!
Mike
micsaund@lamar.colostate.edu

1231. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:43:51 UTC
From: drice@enuxsa.eas.asu.edu
Message-ID: <D2zot4.loz@ennews.eas.asu.edu>
Source record: 262264

In article <791045069.AA00693@rochgte.fidonet.org>,
David Stark <David.Stark@p2.f333.n2613.z1.fidonet.org> wrote:
> The only difference between us and the "non-scanner owning public" is the
>simple fact that we happen to own scanners. Public safety agencies (police in
>particular) don't differentiate. If they don't want the public to know, they
>don't want ANY of the public to know - whether they have scanners or not.

I guess what I really meant to say is that when a public service agency
uses a radio, they know (or at least I would hope they would know) that
people with scanners will hear what they are saying. If they truly want
NO ONE to know, then they should use a landline telephone or face-to-face
communication. By the same token, though, I think that the agencies
should be able to use the radio without Joe Scanner calling up his 10
friends, who call their 10 friends, who form a crowd of 500 gawkers at an
emergency scene.
--
David Rice | WWW Home Page - http://enuxsa.eas.asu.edu/~drice
<drice@asu.edu> | Contains info on deafness, science, weather, and more!

1232. BC200XLT For Sale - $120.00

Newsgroup: rec.radio.scanner
Date: 1995-01-26 01:53:47 UTC
From: jwdean@ibm.net
Message-ID: <3g6vbb$2417@news-s01.ny.us.ibm.net>
Source record: 262259

BC200XLT for sale in good condition with original duckie and charger.
$125.00. If interested reply via email (I won't see it here)
to jwdean@ibm.net or ghnv90b@prodigy.com. I am in the Philadelphia,
PA area. I'll ship COD.

1233. Re: WWWeb scanner address list

Newsgroup: rec.radio.scanner
Date: 1995-01-26 02:26:15 UTC
From: pec@ios.com
Message-ID: <3g7187$ie9@ankh.iia.org>
Source record: 262234

Michel Couture (mcouture@asterix.drev.dnd.ca) wrote:
: A few weeks ago I saw an interesting list of http: address of WWW
: for scanners related home page but I lost this article
: Could you please repost it
: Thank you

You can find some WWW and internet accessable documents in the scanner section of the Shortwave/Radio Catalog: htpp://itre.uncecs.edu/radio/

Pete Costello
Radio E-mail: pec@ios.com

1234. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-26 02:53:28 UTC
From: wchsnews@aol.com
Message-ID: <3g72r8$4dm@newsbf02.news.aol.com>
Source record: 262240

>
>I was under the impression that if you prophet from any information
gained from listening
>from a scanner you were in violation of the law. Since the media uses the
information gained
>to make a buck are they not in violation?
>
>
I think the problem here is that you don't understand what the scanner
information is used for. All media use scanners as standard equipment,
but the information heard on the scanner is almost never repeated (in my
case) on the air. Information that comes over the scanner is more often
than not (believe it) imprecise, or entirely incorrect. Reporters use
what they hear as a tip that something is going on, and contact the
appropriate agencies to find out the real story.
There was an extensive thread about this in the Society of Professional
Journalists listserv not too long ago.

Wayne Lorentz
MetroNews Radio Networks - Charleston bureau

1235. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-26 02:54:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791254700.AA01055@rochgte.fidonet.org>
Source record: 262079

> From: moon007@ibm.net

>>>parties. Read Section 705 of the Communications Act of 1934.
>>
> I'm no legal expert, but I have always believed that as long as a
> public service's transmission
> isn't scrambled, then it's legal to record & divuldge the informtion
> as long as it's not used
> for illegal activities or personal gain (etc). As I understand it,
> it would be public property and subject to the FOI act.

Your understanding is incorrect.

Tell you what. All of you who don't believe that it's illegal to divulge what you hear can go ahead and start recording and replaying police calls, etc to anyone who will sit still long enough to listen. Take your recordings to City Council meetings and use them to help make points in debate about public services. Send tapes to your local newspaper whenever you get anything "interesting".

Sooner or later, somebody WILL demonstrate to you the illegality and foolhardiness of your actions.

> So, if Fred the volunteer fireman heard a call on a scanner, then
> called his brother Ed
> (who is also one) and told him of the call, That would be illegal?

Absolutely. And before you ask why it's illegal to alert someone to a call for their own agency, I will ask you why Ed doesn't have a pager.

```
===================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===================================================================
```

1236. New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 02:57:03 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791254700.AA01056@rochgte.fidonet.org>
Source record: 262076

> From: kim@nntp.cadence.com (Kim Helliwell)
> Organization: Cadence Design System, Inc.

> I read in some thread here that the new Federal law that now
> prohibits
> listening to cordless phone conversations also prohibits listening to
> auxiliary news traffic (such as traffic choppers, etc). Is this
> really
> true? If so, what is supposed to be the rationale? I thought the

Actually, it has been illegal to monitor broadcast auxiliary traffic since
1986. All of the publicity has gone to cellular phones.

> I understand the reason for making listening to cellular and cordless
> phones illegal, although this attempt at a legal solution is stupid,
> fatuous, and misleading to the general public.

Yup.

> I hope someone will tell me I'm all worked up for nothing. If not,

Sorry, it's not a false alarm.

> how
> long before it becomes illegal to listen to police and fire
> dispatching?

As long as it takes for somebody to figure out how to use the current fear
of crime to get Congress to include a law against scanning in the next omnibus
"crime" bill.

```
===================================================================
Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA
+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeaters.
53.33 146.925 224.58 442.8 442.9 444.7
===================================================================
```

1237. RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-01-26 03:00:04 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791254700.AA01057@rochgte.fidonet.org>
Source record: 262075

> From: bartdoug@acusd.edu (Douglas Barton)
> Organization: University of San Diego

> won't sell them to me since they contain "secret" information with
> which
> I could do illegal things! (He assured me that he knew that I was

That is total crap! Get the 800 number for Tandy National Parts (sorry I don't have it handy) and order direct from Fort Worth.

And report the lying salesman to the district rep.

1238. Re: What are those new LAPD radios?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 03:13:54 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3g741i$7ae@nntp.crl.com>
Source record: 262241

hglassma@daniel.drew.edu wrote:
>
> I saw that the LAPD is finally replacing its antiquated fleet of
> Motorola MX-300 series portables with a new radio that looks like an
> updated model of the Motorola Saber.
>
> They have what looks like two rows of three green buttons right under
> the display screen.
>
> Does anyone know what these radios are called and what their
> capabilties are??
>

OJ TRACKERS, FOR WHEN HE SKIPS AGAIN ! <g>

1239. Re: Automotive holder for handhelds? (and quake)

Newsgroup: rec.radio.scanner
Date: 1995-01-26 03:18:12 UTC
From: "P. Randy Duran" <rduran@us.oracle.com>
Message-ID: <3g749k$2gm@dcsun4.us.oracle.com>
Source record: 262187
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Victor Healey Ki4je <vhealey@crl.com> wrote:
>
>
>
> > A word of caution: I purchased a similar device and thought it would
> > work great, but after installing it realized it interfered with my stick
> > shift. Some floor mounted automatics might also get in the way. I
> > puchased mine locally and was able to return it right away, but if you
> > order by mail and have a shifter that might get in the way, you might
> > want to investigate this potential problem first.
> >
>
> Bummer I went ahead and ordered it after I checked
> Rat Shack. I had seen something that looked like it when
> wandering around the store. Turns out it may be similar
> but theirs bolts to the vehicle and has no power supply
> option.So I ordered out of the 1-800 number. How much did you
> pay and was it sturdy enough for a scanner or ham ht?
> If worst comes to worst I can use it with cell phone.
>
> Vic Healey
>

Victor, I really hope it works for you. A lot depends on where the lighter plug is and where your manual or automatic shifter is located. You may not have a problem.

I paid $17 for mine at Auto Parts Club. I don't remember the brand or model, but it was basically a no-name. It held the scanner fine, using a spring-loaded assembly with padded sides. The springs applied constant tension to the sides so I had to force open the "jaws" and insert the scanner each time. The only problem besides the stick shift was the potential for the whole thing to start rotating (sagging) if I rotated the scanner so its weight wasn't balanced vertically. Part of the reason I had that problem was because I had to secure the scanner in an awkward position to keep it as far away as possible from the shifter.

After returning that holder, I mail-ordered a product from Handi Radio Products (somewhere in the midwest). It can mount on the floor with screws or you can purchase a suction cup kit for window mounting. I ordered the suction kit. Total cost was about $46, I think. I found the ad for it in Amateur Radio. It works fairly well but the two smaller suction cups always pop off. Still, the two larger ones hold it well.

Good Luck!
-Randy

1240. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-26 03:19:08 UTC
From: ax446@FreeNet.Carleton.CA
Message-ID: <D2zt7w.13u@freenet.carleton.ca>
Source record: 262263

In a previous posting, Kenneth Wright (wright1@ix.netcom.com) writes:
> Any suggestions on an external speaker for my Pro-43 which is hard to
> hear while driving?

Hi There...

I use a 2m handheld in my car and had the same problem. Go to a dealer
that deals in Kenwood radios and ask for the TS-41 speaker. It's a little
cube about three inches on a side with a mounting bracket, and is excellent.

If you're wondering if it works, I drive a Jeep (not exactly quiet) and
rarely miss anything. I don't even have to turn the volume up much. The
sound quality is excellent.

de VE3TKQ

--
Dan Hilliker - Engineers rule the World -
ax446@freenet.carleton.ca Per Ardua Ad Astra

<my opinions only, not my employer's>

1241. Re: Can anyone read this? I can't

Newsgroup: rec.radio.scanner
Date: 1995-01-26 03:22:57 UTC
From: lambrose@csc.com
Message-ID: <3g74ih$k2a@explorer.csc.com>
Source record: 262251

Michael Miller (studebkr@gonix) wrote:

Must be some sort of computer security system. Write only.
Maybe I don't have a need to know? :-)

didn't see a thing. Try different colors in your mail front-end. Blue
foreground with blue background just gets blue like below:

---- Did you see the above ? The better the contrast, the better your
chances are of a good conversion to mono-chrome.

Laren Ambrose Computer Sciences Corp.
Contract to the: FAA, Airports Division, Seattle

1242. Re: San Ramon, CA Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-26 04:00:18 UTC
From: dseitel@crl.com
Message-ID: <3g76oi$dkg@crl9.crl.com>
Source record: 262266

> rwillis@popper.pacbell.com (Rudy A. Willis) wrote:
> >Can anyone provide a listing of freqs for the San Ramon, CA area?

Bundy Chanock wrote:

> Sheriff - 155.64

155.640 is the main channel for the cops. But much of the fun stuff
is on 155.040 and 155.790. 155.040 is referred to as "five".
155.790 is referred to variously as "two" "four" "six" and "orbit".

So if you hear them on 155.640 say "Ron, go to orbit", well...
They will say things on these two "chat" channels they don't say
on the main one.

--
David S. Eitelbach | Jalapeno peppers: 4,000 Scoville heat units.
dseitel@crl.com | Habanero peppers: 300,000 Scoville heat units.

1243. want to buy icom ic-r1

Newsgroup: rec.radio.scanner
Date: 1995-01-26 05:22:14 UTC
From: argentin@anshar.shadow.net
Message-ID: <3g7bi6$2sd@anshar.shadow.net>
Source record: 262244

[No readable article body recovered]

1244. want to buy icom ic-r1

Newsgroup: rec.radio.scanner
Date: 1995-01-26 05:25:04 UTC
From: argentin@anshar.shadow.net
Message-ID: <3g7bng$2va@anshar.shadow.net>
Source record: 262245

[No readable article body recovered]

1245. want to buy icom ic-r1

Newsgroup: rec.radio.scanner
Date: 1995-01-26 05:29:51 UTC
From: argentin@anshar.shadow.net
Message-ID: <3g7c0f$34h@anshar.shadow.net>
Source record: 262246

>From: argentin@anshar.shadow.net (Marcelo Guevara)
>Date: 26 Jan 1995 00:25:04 -0500

>

1246. want to buy icom ic-r1

Newsgroup: rec.radio.scanner
Date: 1995-01-26 05:37:03 UTC
From: argentin@anshar.shadow.net
Message-ID: <3g7cdv$3e4@anshar.shadow.net>
Source record: 262250

>From: argentin@anshar.shadow.net (Marcelo Guevara) >Date: 26 Jan 1995 00:29:51 -0500 try calling Tucker Electronics at 1-800-527-4642, they have new and used ones. try the used ones , the are not cellular blocked. > >>From: argentin@anshar.shadow.net (Marcelo Guevara) >>From: argentin@anshar.shadow.net (Marcelo Guevara) >>Date: 26 Jan 1995 00:25:04 -0500 >>Date: 26 Jan 1995 00:25:04 -0500

1247. Re: Discone in Attic

Newsgroup: rec.radio.scanner
Date: 1995-01-26 05:55:18 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g7dg6$j9g@umcc.umcc.umich.edu>
Source record: 262252

Mike,

The advantage to a discone is that it is good for wideband reception. You are correct is stating that a discone has no gain. If gain is what you seek then you want a beam aimed at your intended reception area. I've got both the cheap and higher dollar Rat Shack discone as well as a sideways T.V. antenna connected to my scanners. They all perform very well for the purpose I chose them.

The best choice would be a tuned antenna for each band, If you have a tower and a few acres of land. Also a discone is reasonble to use near cities, since it has no gain, it may not overload your tuners front end with paging tower reception where it doesn't belong.
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu Compuserve 72673,321

1248. Re: Computer control and ECPA

Newsgroup: rec.radio.scanner
Date: 1995-01-26 06:06:59 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g7e63$jmu@umcc.umcc.umich.edu>
Source record: 262253

In article <3g5pa3$8d5@service1.uky.edu>,
Harold G Peach Jr <hpeach@pop.uky.edu> wrote:
>Let me start by saying that I do not monitor cellular. However, I
>would like to have a truly computer-controlled scanner. (I am
>using the COMMTRONICS HB-232 now, but it is still limited to what
>the scanner's microprocessor will allow.)
>
>How difficult would it be to purchase a scanner, gut it, use the
>receiver and PLL, but replace the microprocessor with a PC? By
>placing the "smarts" in the PC, you could make it scan whatever
>range you wanted (within the limits of the receiver) and use
>whatever STEPS you wished. The possibilities are endless!
>
>Any thoughts?
>
>Harold
>hpeach@pop.uky.edu

Try an Icom R-7000 or 7100 with software. With Radio Manager for Windows
I have 999,999 channel capacity, I can search any range from 25Mhz to
2Ghz, Create any number of banks of any size. Let the radio scan with the
P.C. and log any hits. Lockout birdies or data channels in search mode,
search in any step size I want and even use the same software on my
shortwave, with a different frequency list of course, 100Khz to 30Mhz.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu Compuserve 72673,321

1249. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-26 06:07:43 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <Rc676O3.donhayes@delphi.com>
Source record: 262254

Nathaniel Fredman <drno@intac.com> writes:

>Anyone know of any interesting frequencies in the New York City area??
>Thanks.

What are your interests? I live about 12 miles West of NYC in Jersey. Do you like to listen to Police & Fire? EMS? Airports? FBI? Secret Service? Transit Police? Traffic helicopters? Network news reporters from on scene and being dispatched? Coast Guard? Low flying planes and helicopters over the Hudson? Port Authority Tunnels and bridges? Ham repeaters? Cordless phones? If any or all of these interest you, you will find them in this area, and many more! Let me know if I can provide you with any freqs. We even have a ham net on two meters on Tuesday night that specializes in scanner comms/ freqs!!! Just let me know!!! Don......N2QAY.....

1250. Re: What are those new LAPD radios?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 06:11:57 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3g7efd$k2m@umcc.umcc.umich.edu>
Source record: 262270

In article <1995Jan25.193053.115107@daniel>, <hglassma@daniel.drew.edu> wrote:
>I saw that the LAPD is finally replacing its antiquated fleet of
>Motorola MX-300 series portables with a new radio that looks like an
>updated model of the Motorola Saber.
>
>They have what looks like two rows of three green buttons right under
>the display screen.
>
>Does anyone know what these radios are called and what their
>

They are 120 channel Motorola Astro's.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu Compuserve 72673,321

1251. Re: RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-01-26 06:21:30 UTC
From: bartdoug@acusd.edu
Message-ID: <D301nv.E33@pwa.acusd.edu>
Source record: 262260

Douglas Barton (bartdoug@acusd.edu) wrote:
: I decided to go to my local Radio Shack and order the shop manuals for my
: Pro-43, 46, and 2006 scanners, and was told by the salesperson that RS
: won't sell them to me...

THANK YOU for all the responses. I have heard from about 10 people
already and the original post only went out last night!

I now understand that I can order the manuals from national parts. I
should have been more clear in my original post that the salesman I
talked to is someone who has always been knowledgeable in the past. He
misunderstood what I asked him for and was in the process of writing out
the order for the *Owner's* Manuals when I mentioned that I wanted the
shop/repair manuals so it wasn't a matter of laziness. Apparently he
just had some bad information.

Blessings,

Doug

--
I would rather be a foolish optimist than a correct pessimist.

1252. Uniden Bearcat 800XLT Scanner for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-26 06:53:22 UTC
From: gblhotel@ix.netcom.com
Message-ID: <3g7gt2$m56@ixnews2.ix.netcom.com>
Source record: 262192

I have a brand new, still in box scanner for sale. The Uniden Bearcat 800XLT base station was the last model manufactured that receive the 800 mhz band (Cellular PhoneS), before the FCC restrictions were in place.

The Bearcat 800XLT features:
* 40 channels
* 12-Band Coverage
* Crystalless
* Direct Channel Access
* Channel Lockout
* Simple Programming
* Manual Step-search
* AC/DC
* Steel Cabinet
* Two Antennas

This device is still in the box, and was used only once.

Paid $225 -- Sell $125 inc. postage

Interested parties should send an e-mail message to:

gblhotel@ix.netcom.com

Please include your phone number and the best time to call.

1253. WTB:Curtis NAM/ESN Reader

Newsgroup: rec.radio.scanner
Date: 1995-01-26 07:30:05 UTC
From: vidiot@primus.paranoia.com
Message-ID: <3g7j1t$4mh@primus.paranoia.com>
Source record: 262186
Cross-posted to: misc.wanted,alt.radio.scanner,rec.radio.scanner

For testing purposes only. Email details please.

--
--
Cable TV bill got you down? Expand your viewing habits and get the MOST out
of your cable bill! Email me for more information:vidiot@paranoia.com

1254. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-26 09:04:21 UTC
From: pacholczyk gregory <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950126035836.11774C-100000-100000-100000@umbc8.umbc.edu>
Source record: 262269
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

On 26 Jan 1995, Erik Wahlstrom wrote:

> So I recently picked up a used AR1000XLT that i found in the paper. After some
> stomping of feet, pulling of hair, and cursing the human factors group at AOR,
> i think i am finally getting the hang of the, so called "User Interface".
> Being a Hardware guy i couldn't resist the opportunity to take it apart
> and have a look. Not to many surprises really, except one, the scanner is
> controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
> by NEC with an 8kB external ROM. So i am wondering if anyone has been
> successful at interfaceing to it. It sure wound be allot simpler to program
> those 1000 channels using my computer. Any takers?
> I would also appreciate any "scanner tricks" advice from you AR1000
> experts out there, like how to scan arbitrary banks, unlock a bank with out
> unlocking all locked channels first, jump through hoops.
>
> Cheers Erik Wahlstrom
> ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
> PH. 415 390 3135 Fax 415 967 8496
>
> This message contains my opinions which are in no way those of my employer.
>
>
>
Try the Electronics Equipment Bank in Vienna VA. a book called The Guide
To The AR1000. i'ts a comprehensive 100 page manual that'l tell you
everything you want to know (and some things you don't) about the AR1000.
Cost is about $15 pluss shipping.
-G

1255. Re: AR8000 and hissing headphones

Newsgroup: rec.radio.scanner
Date: 1995-01-26 09:56:23 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3g7rk7$hu3@nntp.crl.com>
Source record: 262274

I suspect an impedance mismatch. I feed the earphone audio to an
external amplifier while mobile and there is no hissing.

Others?

Ki4je

march@tudor.com (Gregory F. March) wrote:
>
>
> First off, a public thanks to Vic for the great AR8000 homepage!
>
> Down to business...
>
> Has anyone noticed a great deal of hissing when using headphones on
> the AR8000? On my scanner, this hissing is almost as loud as a strong
> signal with no voice, i.e. quiet. In fact, when in scan mode, if a
> signal like this is detected, it is *very* hard to even tell that the
> AR8000 has locked on to a signal or is still scanning. The hiss is
> audible the second you turn the scanner on.
>
> Note that this hissing is *not* audible from the speaker when the
> headphones are not connected.
>
> I am currently using a pair of Sony "in ear" stereo headphones
> connected to a high quality mono to stereo adapter. I don't think this
> has anything to do with it as I've taken the adaptor out and listened
> (with one ear) and still heard the hiss.
>
> Also, I think someone was mentioning something about this, so for
> completeness, I'll state my observations here. I've found some strong
> signals on some frequencies I listen to that are there regardless of
> whether or not the antenna is attached. These signals do not show up
> on my 200XLT. What's the technical term for this? Birdie?
>
> Thanks...
>
> greg
> --
>
> ------
> Gregory F. March march@tudor.com

1256. Re: ar8000/terrible on low band

Newsgroup: rec.radio.scanner
Date: 1995-01-26 09:59:37 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6082@rook.ukc.ac.uk>
Source record: 262265

In article <3ftrpg$17b@homer.alpha.net> dfleming@earth.execpc.com (Dan Fleming) writes:
>Grove sells or get the Radio Shk. telescoping antennae. The Radio Shack does
>work very well and is only 9.95. If you want cordless freq. you should
>collapse the last two sections. Using the signal meter on the 8000 you can

When on the 380-512 band on the Pro39, I extend all the bottom sections
of this aerial. The instructions for the aerial say "extend 1 to 3" bottom
sections.
So which bit is best left standing for cellular?
It also seems strange that it should be fully extended for VHF aircraft,
and shortened a fair bit from 137 onwards.

If you wish to scan a 150ish and a 450ish frequency in the same band,
is it generally better to leave the aerial in the 150 state or the 450
state or something else?

1257. Re: Diode assignments for Pro-43???

Newsgroup: rec.radio.scanner
Date: 1995-01-26 11:33:20 UTC
From: mulligan@ACM.ORG
Message-ID: <3g81a0$jfq@hopper.acm.org>
Source record: 262268

bartdoug@acusd.edu (Douglas Barton) asked about:
> ... the assignments for the D1-5 diodes on the Pro-43 ...

The diode functions are: D1 - enable keylock switch
D2 - enable 30-54 MHz
D3 - enable 54-88 MHz (nominally 68-88 MHz)
D4 - disable U.S. cellular
D5 - step cellular at 12.5 kHz (vs. 30 kHz)

If you have an international version of the PRO-43, there should be
diodes at D1, D3 & D5. The US/Canada version has D1, D2 & D4.

/* barry /&

1258. Re: RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-01-26 11:49:35 UTC
From: mulligan@ACM.ORG
Message-ID: <3g828g$jh5@hopper.acm.org>
Source record: 262267

bartdoug@acusd.edu (Douglas Barton) asked:
> ... how do I get manuals for these radios?

Your R.S. clerk (he did not qualify as a 'salesperson') was either lazy or uninformed, or both (not uncommon).

Call: Tandy National Parts
900 E. Northside Dr.
Fort Worth TX 76102
(800) 442-2425
(817) 870-5600 (from outside the US)

Give them the catalog numbers of the radios and ask for the Service Manuals. They'll cost approx. $6-8 ea. Natl Parts takes plastic, ships immediately, and is the best run division in Radio Shack (damning with faint praise <g>). Your local store could call the same office, but they may charge a markup and will probably botch the order.
/* barry /&

1259. RS Pro-51/Pro-62

Newsgroup: rec.radio.scanner
Date: 1995-01-26 12:03:23 UTC
From: topaz@cc.lut.fi
Message-ID: <D30HHo.HzF@lut.fi>
Source record: 262179

Hi there!

I've been considering buying a scanner. Originally I was looking for
the Pro-43, but as it is, obtaining one is not so easy any more.
It is also a bit old, so I figured I might as well go for the new models.

I found a couple of interesting ones from the '95 RS catalog: PRO-51 and
PRO-62. They are both about the same price, have pretty much the same
frequency ranges and include about the same features. Since RF interference
shouldn't be too much of a problem I might take the extra speed of 51
instead of the triple conversion of 62. But the question is:

Are these radios in other respects about the same?

I know that 51 uses 4 batteries compared to 62. Do they last about as long
or do I get more with extra batteries (couple of hours more, better sound,
better lights, better reception, etc)? What else should I consider?

Those of you who have something good or bad to say about either radio,
please reply by email (Arto.Selonen@lut.fi) or directly here. If there
is enough interest (and information available) I'll post the summary here.

thank you,

Arto Selonen
--
///-----///-----///-----///-----///-----///-----///-----///-----///-----///
Arto Selonen ! telephone: +358 53 412 5319 ! I don't mind doing it.
Ruskonlk. 13-15 B9 ! e-mail: Arto.Selonen@lut.fi ! I don't mind not doing it.
53850 LAPPEENRANTA ! (UUCP): topaz@kzinti.lut.fi ! I know nothing about it.

1260. Microfishe

Newsgroup: rec.radio.scanner
Date: 1995-01-26 13:13:51 UTC
From: robert@eden.com
Message-ID: <3g876f$gde@boris.eden.com>
Source record: 262272

I need to order a new set of "by state" fishe for TEXAS. Last one that I ordered was from Bearcat Radio Club, PO Box 291918, Kettering, OH 45429 Does anyone know how much it is? and do they have a phone number and what the current date of the microfiche is that they are distributing.

1261. Foreign Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-26 13:16:10 UTC
From: robert@eden.com
Message-ID: <3g87aq$gde@boris.eden.com>
Source record: 262273

I have often wondered if I were to go to England and bring a cordless back to the US.. would it work over here.. My thinking would be that the frequencies would be different (possibly no interfearance) I would assume. I have a friend that works for the airline and is in London every week.

1262. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-26 14:41:21 UTC
From: bassettc@norand.com
Message-ID: <3g8cah$enq@gamma.norand.com>
Source record: 262177

In article <3g5hv0$447@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu (Les Butler) writes:
|> In article <3g4cl3$kar@newsbf02.news.aol.com>, AdaMatt <adamatt@aol.com>
|> wrote:
|> >A frequency counter (correct me if I'm wrong) is a thing that detects
|> >active freqs in the air. If what I just said was correct, how much does
|> >one of those things cost? (approximately) And where can I get one? What
|> >brand is the best? Thaks a lot!
|> >
|> >
|> >
|> >^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
|> >:::::::::AdaMatt@aol.com:::::::::
|> >^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
|>
|>
|> Well, your kinda right. It does detect frequencies in the air, but you
|> must be in the antenna's near field. The near field varies, depending on
|> antenna gain, transmitter power etc. I've found for cordless you must be
|> within 6 inches of the handset. Several other 5 watt VHF H.T.'s I've
|> tried seemed to be readable from 60 feet or so. Cellular is another one
|> you must be very close to. Of course this also depends on what antenna
|> you use on the Frequency Counter. The telescopic whip that you can order
|> is ok, but there are several antenna's available for the different bands.
|>
|> Opto-Electronics and Star-Tek are two makers of counters and Radio Shack
|> has one. R.S.'s is $99 and the rest start around $125. Pick up any of the
|> radio hobby magazines for a look at the Star-Tek and Opto's, and for
|> their numbers.
|>
|> Hobby magazines such as Monitoring Times or Popular Communications which
|> are avaiable from most of the larger bookstores.
|>

Just thought I'd mention that most Frequency counters can pickup strong signals from the air as mentioned above but they can also be hooked up via a probe directly into a circuit if the goal is troubleshooting and adjustment for weak signals. This is really the most accurate way to use them.

If signals from a close source are desired than an antenna can easily be home brewed. A cable with a BNC on one end to attach to the counter leading to a bare length of wire or a sniffer loop of wire will work just fine. This way the counter itself can be located a distance from the transmitting source. If the counter itself is in close proximity to a strong transmitting source the oscillators within the counter may be overidden by the strong field thus really

screwing up the readings.
--
---
bassettc@norand.com | Sanity is the trademark of a weak mind.

Standard Boring Disclaimer : My opinions are my own , nobody else wants them.

1263. Re: Can anyone read this? I can't

Newsgroup: rec.radio.scanner
Date: 1995-01-26 14:48:41 UTC
From: einarlid@troll.vestnett.no
Message-ID: <3g8coa$23o@oslo-nntp.eunet.no>
Source record: 262189

Yes SIR

Norway 25-Jan-95 22:11:16 einarlid@vestnett.no

1264. Best Steth Prices (Models)

Newsgroup: rec.radio.scanner
Date: 1995-01-26 16:18:14 UTC
From: st891591@pip.cc.brandeis.edu
Message-ID: <3g8i06$jf9@news.cs.brandeis.edu>
Source record: 262176

Where can I get the best prices on Litmann Cardiology II or Master Cardiology steth's? I need about a dozen for a paramedic class. Should I consider other models.

1265. Re: External Speakers

Newsgroup: rec.radio.scanner
Date: 1995-01-26 17:09:08 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3g8kvk$bjh@mozo.cc.purdue.edu>
Source record: 262185

In article <1995Jan25.160833@fnalv.fnal.gov>,
Rick Colombo <colombo@fnalv.fnal.gov> wrote:
>In article <3g4mvs$lir@ixnews1.ix.netcom.com>, wright1@ix.netcom.com (Kenneth Wright)
writes:
>> Any suggestions on an external speaker for my Pro-43 which is hard to
>> hear while driving?
>>
>I thought the RS external speakers would just plug into the earphone jack
>although you may need an adaptor plug. I'm looking at either 21-549 or
>the powered one 21-541.

Get the powered one. I have it in my car for my HT. The amplifier
shuts off after a few seconds if no sound is received, saving the
battery. I like it because I can hear it over the FM radio/CD player.
It needs a +12VDC source and comes with a ~6ft mini extension cord.
Sound quality is pretty good (definitely better than the -43's own
speaker). Cost is ~$15-$20.

The down side is that the jack is on the back of the speaker and not
the side, making it difficult to flush-mount on something. I wired my
own jack to come out the side of the speaker. You may also need a
power supply filter to cut the alternator whine.

You might also check at a ham radio store if one is nearby.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

1266. My BC 142XL won't scan

Newsgroup: rec.radio.scanner
Date: 1995-01-26 17:44:22 UTC
From: rechnbch@bucknell.edu
Message-ID: <3g8cgf$ii2@coral.bucknell.edu>
Source record: 262180

I own a Bearcat BC142XL 10-channel desktop scanner and it recently lost the ability to scan on its own. Ever other feature appears to work ok, including the manual scan. Can anyone tell me what might be wrong and where I can get it repaired? If it matters, I live in central PA. Thanks in advance.

Bryan Reichenbach
rechnbch@bucknell.edu

1267. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-26 18:28:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <9c1_9501270251@tor250.org>
Source record: 262198

VA>From: brian varine <varine@ece.orst.edu>
VA>Newsgroups: rec.radio.scanner
VA>Subject: Re: Kerchunking fer fun
VA>Date: Sun, 15 Jan 1995 18:23:14 -0800
VA>Organization: College of Engineering, Oregon State University
VA>Lines: 20
VA>Message-Id: <Pine.HPP.3.91.950115181511.7784A-100000@holmes.ece.orst.edu>
VA>References: <3f7uso$noq@freenet3.scri.fsu.edu>
VA>Nntp-Posting-Host: holmes.ece.orst.edu
VA>Mime-Version: 1.0
VA>Content-Type: TEXT/PLAIN; charset=US-ASCII
VA>In-Reply-To: <3f7uso$noq@freenet3.scri.fsu.edu>

VA>He He. Well when I was 17 my buddies were getting busted for drinking
VA>beer down by a creek. The officer left his Motorcycle alone so I keyed
VA>the mike and used his number to do a QRS on his own plate! The dispatcher
VA>was totally clueless until she realized I had just called in the
VA>motorcycle. "37, that plate comes back to..... uh.... your motorcycle!?"
VA>The officer suddenly realized what was going on and forgot about my buddies
VA>and ran back to his bike. Of course I was looooong gone and so were my
VA>buddies! I though it was pretty funny, didn't hurt anyone, and my buds
VA>got off the hook. I don't think it was illegal, I mean I used the
VA>police's radio, I was a resident of that city, I was paying taxes, so, I
VA>guess I was using my radio.

Well there are those that will tell you that what you did was illegal
and potentionally dangerous , re what if the freq was needed for a real
police emerg comm. However, I am not one of these people. Bloody
hilarious!!! I take it you were off for a nature break at the time he
rolled up to investigate this serious offence<G>.
See ya
Dan

---
* SLMR 2.1 * *Leaf+Linb+Branch+Trunk+Roots= Family Tree (:D)
--
| Fidonet: Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.

1268. traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-26 18:28:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <9c0_9501270251@tor250.org>
Source record: 262199

PH>From: Phobus@ix.netcom.com (Brian Barrett)
PH>Newsgroups: rec.radio.scanner
PH>Subject: traffic copter, fast food
PH>Date: 19 Jan 1995 02:46:40 GMT
PH>Organization: Netcom
PH>Lines: 10
PH>Distribution: world
PH>Message-Id: <3fkjqg$r4h@ixnews3.ix.netcom.com>
PH>Nntp-Posting-Host: ix-cin1-08.ix.netcom.com

PH>Any one know how traffic copters transmit to radio stations. I would
PH>like to see if one can monitor these conversations while they are "off
PH>the air"(so to speak). Are these transmissions monitorable and if so,
PH>what freq should I try?

Try scanning 150-170 and 450 to 470 when they are "on the air" when you
hear the same audio from your scanner and you am-fm radio, you'vve hit
it.Or try looking in a freq guide.

PH>Also, I have noticed that many fast food places have drive thru order
PH>takers that wear cordless headsets. Don't know how interesting it would
PH>be to listen to but does anyone know the freq of these as well?

BORING. "welcome to HAPPY BURGER ,Can I take your order?."
YA, can I get a cheeseburger, an order of onion rings and a large orange
drink"
" OK a cheesburger, onion rings and wa wa wa garbled."....

Just my observations, and a take on a radio gag.
Dan

---
* SLMR 2.1 * GENEALOGY: Mums Family, Dads Prison record! 8-)
--
| Fidonet: Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.

1269. Re: Motorola Sabre Info

Newsgroup: rec.radio.scanner
Date: 1995-01-26 18:28:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <9c2_9501270251@tor250.org>
Source record: 262200

OP>From: opp@netcom.com
OP>Subject: Re: Motorola Sabre Info
OP>Message-Id: <oppD2otDr.GLt@netcom.com>
OP>Organization: NETCOM On-line Communication Services (408 261-4700 guest)
OP>References: <oppD2oC51.1un@netcom.com> <3fmupk$dv9@nntp.crl.com>
OP>Date: Fri, 20 Jan 1995 04:49:03 GMT
OP>Lines: 16

OP>: Slick radio! If you steal one watch out for the feature where they
OP>: can remotely turn it on without your knowledge and listen to
OP>: everything around it as they figure out where it is.

Some cell phones do the same, go to make a call. and they don't stop tx
ing

OP>: Reminds me of a welfare youth who stole a ham ht in Balt. OP>:
I heard Wa3TUN talking to 'Trashcan', the youth's radio handle OP>: on
the local 2M repeater. Wa3TUN was A Balt city cop! OP>: Wa3tun Made
friends and he met up with the little slimeball and OP>: recovered the
radio. If you are going to play with an item OP>: you better know what
you have or you go to jail.

Once found out that a motorola tech had purloined one of our trade in
radio's. was jamming my work freq, and after tlleing him I worked for
another company on the sme freq, he started telling me all about
proprietary info. A quick note to the company and all the qrm was gone.
things that make you say hmmmm.

Dan
VE3LIX

OP>--
OP> opp@netcom.com

OP>---
OP> * Origin: Usenet:NETCOM On-line Communication Services (408 261-47
(1:12/98
---
* SLMR 2.1 * New Mail NOT Found: Start Whine/Pout Sequence? [Y/N] 8-(
--
| Fidonet: Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.

1270. Re: Wow! New! Full Disclosure in the Web

Newsgroup: rec.radio.scanner
Date: 1995-01-26 18:53:38 UTC
From: snet@world.std.com
Message-ID: <D310HE.12M@world.std.com>
Source record: 262205
Cross-posted to: alt.2600,alt.conspiracy,alt.privacy,rec.radio.scanner,rec.radio.shortwave,alt.dcom.telecom,rec.video.satellite.tvro

Glen L. Roberts (fd@wwa.com) wrote:
: Check it out... brand new...

: http://ripco.com:8080/~glr/glr.html

congrats, will check it out.

Glenda

1271. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-26 19:00:04 UTC
From: dbushong@wang.com
Message-ID: <D310s5.6o7@wang.com>
Source record: 262183

bblinn@infinet.com (Bill Blinn) writes:

>>Fran (75471.304@CompuServe.COM) wrote:
>>: An unidentified transmission of any kind is technically illegal.
>>: It's illegal to "kerchunk"

>Right. And it's legal to drive 80 in a 55 mph zone. Find the Part 97
>text that supports your statement and post it.

>Hint: You won't find it.

Unless you look here:

\(sc 97.119 Station identification.
(a) Each amateur station, except a space station or
telecommand station, must transmit its assigned call sign on its
transmitting channel at the end of each communication, and at
least every 10 minutes during a communication, for the purpose of
clearly making the source of the transmissions from the station
known to those receiving the transmissions. No station may
transmit unidentified communications or signals, or transmit as
the station call sign, any call sign not authorized to the
station.

Hint: It's in the last sentence.

Dave

1272. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-26 19:29:40 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <3g8t74$a48@mark.ucdavis.edu>
Source record: 262181
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

i got a copy of a newsletter detailing how one person hooked up a computer interface to an AR1000XLT and some simple code he used to control the scanner... (the newsletter i got from m. alexander who also frequents this site...)

also the book on using the ar1000xlt by bernstein(?) is very helpful...

1273. 848-867 Mhz Filter? Can I get one?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 19:52:48 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <3g8uig$jke@ef2007.efhd.ford.com>
Source record: 262182

Hello folks!

I have a question. I have a double-conversion unit which employs up-conversion.
I get images of trunked systems and pager? activity where I don't want to
hear it. Is there a filter I can get to reject 848-869?
I've looked in a recent Grove sale catalog and the filters listed
didn't have the coverage I wanted.

Any info would be appreciated.

Thanks.

Tim

1274. Pro-62: Any mods at all?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 20:10:14 UTC
From: lubecke@tumbler-ridge.caltech.edu
Message-ID: <3g8vj6$e06@gap.cco.caltech.edu>
Source record: 262191

Does anybody out there know any mods for a pro62? Like maybe the
400 channel mod or 30-50MHz mod for the pro43. Can it ever get the
200MHz band? I'm even interested in pure speculation.

Victor

1275. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-26 20:13:06 UTC
From: larryv@crl.com
Message-ID: <3g8voi$mmr@crl7.crl.com>
Source record: 262194

Odium (odium@usis.com) wrote:
: AdaMatt (adamatt@aol.com) wrote:
: : A frequency counter (correct me if I'm wrong) is a thing that detects
: : active freqs in the air. If what I just said was correct, how much does
: : one of those things cost? (approximately) And where can I get one? What
: : brand is the best? Thaks a lot!

: A frequency counter is multimeter, a device used by electricians and
: engineers to test voltage, current, resistance, and other fun stuff in
: circuits. What *you* mean is scanner. They go from $90 - $1000+. As for
: brand, I like the Trident TR-2400. But it all depends on what you want
: to listen to.
: --
WHAT? I'm been a tech since 1966 a counter is NOT a multimeter! Some
counters may have multi-meter functions but they are seperate and
distinct from counter functions. Further, many counters are not sensitive
enough to detect off-air signals. They don't need to be.

1276. RS won't sell my the manu

Newsgroup: rec.radio.scanner
Date: 1995-01-26 21:11:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <9c3_9501270251@tor250.org>
Source record: 262204

BA>From: bartdoug@acusd.edu (Douglas Barton)
BA>Subject: RS won't sell my the manuals!
BA>Message-Id: <D2yHI3.CM4@pwa.acusd.edu>
BA>Sender: news@pwa.acusd.edu
BA>Organization: University of San Diego
BA>X-Newsreader: TIN [version 1.2 PL2]
BA>Date: Wed, 25 Jan 1995 10:08:27 GMT
BA>Lines: 14

BA>I decided to go to my local Radio Shack and order the shop manuals for my
BA>Pro-43, 46, and 2006 scanners, and was told by the salesperson that RS
BA>won't sell them to me since they contain "secret" information with which
BA>I could do illegal things! (He assured me that he knew that I was not
BA>one of those people, but he still couldn't sell me the manual.)

BA>Is this common practice? If so, how do I get manuals for these radios?

This salesperson is a complete boob. Ask for the manager, or go to
another store if satisfaction is not obtained.I have been offered the
shop manual from employees, and have bought a couple.
Dan
Happy Trails

---
* SLMR 2.1 * I'll have what the Gentleman on the floor had.
--
| Fidonet: Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard disclaimer: The views of this user are strictly his own.

1277. Cell phone antenna for scanner?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 21:55:16 UTC
From: brian.morgan@sdrc.com
Message-ID: <3g95o4$ei1@info1.sdrc.com>
Source record: 262188

I have a cell phone antenna on my car I don't use anymore, and
wondered if it was worth trying to hook it up to my scanner?
I've got a BC 200XLT. Would it help reception at all, over the
rubber duck antenna?
Thanks!
Brian
brian.morgan@sdrc.com

1278. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-01-26 22:35:01 UTC
From: critter@wizvax.wizvax.com
Message-ID: <1995Jan26.223501.13731@news.wizvax.com>
Source record: 262190

In article <7733-310605502@gary.com>, <lou@gary.com> wrote:
>
>ID>Is it possible to start a radio station and simply broadcast it over a
>ID>cell phone (paying for the time of course)? Obviously this would only
>ID>cater to those w/ scanners. Or would you have the gmen at your
>ID>doorstep..?

>Try getting a license for it. I don't think you will. Will G-Men show
>up, you ask? "Probably, leading to most likely". You can install a
>"Carrier Current" station, have fun, maybe earn some money and as long
>as it's done within the confines of the law, not have to worry about the
>Feds.

I disagree. If you have a cell phone, you can transmit over it anything
you want to, as long as you do it on your own bill. However, who would
be able to receive it? Scanners that will do this are illegal ;)

IMH(BC)O, it would be a silly thing to do.
--

--
Glenn C. Lasher, Jr. "Kiss my Bill of Rights!"
critter@wizvax.com -Stephen Dunifer
finger for PGP key

1279. RS 2022 mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-26 22:51:12 UTC
From: rookl@io.org
Message-ID: <rookl.28.0016DB2A@io.org>
Source record: 262111

Can someone give me some info on 2022 mods? I can't seem to find any
info on it. I've had it for a couple of years now and i'm mostly interested
in unblocking the 800mhz band. Any help is greatly appreciated.

I don't have all the answers..... | Rick LaTorre
just all the questions. | LaTorre Security Locksmiths
| rookl@io.org

1280. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-26 22:51:20 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2601951747450001@alexander.terranet.com>
Source record: 262193
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

In article <Pine.SGI.3.90.950126035836.11774C-100000-100000-100000@umbc8.umbc.edu>,
pacholczyk gregory <gpacho1@gl.umbc.edu> wrote:

> On 26 Jan 1995, Erik Wahlstrom wrote:
>
> > So I recently picked up a used AR1000XLT that i found in the paper. After some
> > stomping of feet, pulling of hair, and cursing the human factors group at AOR,
> > i think i am finally getting the hang of the, so called "User Interface".
> > Being a Hardware guy i couldn't resist the opportunity to take it apart
> > and have a look. Not to many surprises really, except one, the scanner is
> > controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
> > by NEC with an 8kB external ROM. So i am wondering if anyone has been
> > successful at interfaceing to it. It sure wound be allot simpler to program
> > those 1000 channels using my computer. Any takers?
> > I would also appreciate any "scanner tricks" advice from you AR1000
> > experts out there, like how to scan arbitrary banks, unlock a bank with out
> > unlocking all locked channels first, jump through hoops.
> >
> > Cheers Erik Wahlstrom
> > ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
> > PH. 415 390 3135 Fax 415 967 8496
> >
> > This message contains my opinions which are in no way those of my employer.
> >
> >
> >
> Try the Electronics Equipment Bank in Vienna VA. a book called The Guide
> To The AR1000. i'ts a comprehensive 100 page manual that'l tell you
> everything you want to know (and some things you don't) about the AR1000.
> Cost is about $15 pluss shipping.

If you want to know more about the prospect of computer interfacing, take a look at World Scanner Report newsletter--Vol. 4, Num. 8--for a comprehensive modification. The newsletter is available at 619-578-9247 (voice).
> -G

--
Michael Alexander
"Nils Carborundum"

1281. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-26 23:11:30 UTC
From: valleyj@romulus.housing.fsu.edu
Message-ID: <3g9a72$fpe@mailer.fsu.edu>
Source record: 262196

Odium (odium@usis.com) wrote:
: AdaMatt (adamatt@aol.com) wrote:
: : A frequency counter (correct me if I'm wrong) is a thing that detects
: : active freqs in the air. If what I just said was correct, how much does
: : one of those things cost? (approximately) And where can I get one? What
: : brand is the best? Thaks a lot!

: A frequency counter is multimeter, a device used by electricians and
: engineers to test voltage, current, resistance, and other fun stuff in
: circuits. What *you* mean is scanner. They go from $90 - $1000+. As for
: brand, I like the Trident TR-2400. But it all depends on what you want
: to listen to.
: --

Oh, where do these people come from? A frequency counter does indeed
display the strongest frequency in the area. For example, drive up next
to the source you want the freq. for and wait for a transmission. Radio
Shack has an excellent freq. counter for general use for about $100.00.
My only gripe is that it doesn't have any memory or hold options.

--
Jeffrey M. Valley , KE4AUT
valleyj@romulus.housing.fsu.edu
valleyj@freenet.fsu.edu

1282. Pro 49 Mod's

Newsgroup: rec.radio.scanner
Date: 1995-01-27 01:37:26 UTC
From: mineer@nevada.edu
Message-ID: <3g9iom$np9@news.nevada.edu>
Source record: 262130

Is there anyone out there that can tell me about Mod's that I can do to my New Pro 49. I got it for christmas and love it but I would like to pick up air traffic as well as other fun stuff that mine will not get.

Thanks to anyone that can help!!
Steve....

1283. What are those new LAPD radios?

Newsgroup: rec.radio.scanner
Date: 1995-01-27 01:40:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791254739.AA01147@rochgte.fidonet.org>
Source record: 262077

> From: "Victor Healey (ki4je)" <vhealey@crl.com>
> Organization: CRL Dialup Internet Access

>> They have what looks like two rows of three green buttons right under
>> the display screen.
>>
>> Does anyone know what these radios are called and what their
>> capabilties are??
>>

> OJ TRACKERS, FOR WHEN HE SKIPS AGAIN ! <g>

Nahh. The buttons are the wrong color. They should be orange!

:-)

1284. '

Newsgroup: rec.radio.scanner
Date: 1995-01-27 01:42:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791254739.AA01148@rochgte.fidonet.org>
Source record: 262224

> From: bblinn@infinet.com (Bill Blinn)
> Organization: InfiNet

> You are also dead wrong. One cannot tune POLICE/FIRE/TELEPHONE
> (except "cordless phones") and divulge anything.

That's off limits now, too. ECPA was quietly amended last year and now
covers cordless phones.

1285. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-27 01:44:03 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791254739.AA01149@rochgte.fidonet.org>
Source record: 262078

> From: michael@alexander.terranet.com (Michael Alexander)
> Organization: Terranet, Inc., Boston, MA, USA

>> I don't argue the law with teenagers. You're sounding like one.

> Hmmm, sounding like a teenager? I'll take that as a compliment. It is

I'm glad you've decided to be gracious about my rude comment. I apologize
for the personal attack.

> me of the soundness of your views if your supported them with logic,
> percision and clarity.

My posting wrt the Communications Act is not my opinion. It is what the
statute says.

1286. BC 8500 mods

Newsgroup: rec.radio.scanner
Date: 1995-01-27 02:05:02 UTC
From: jtbeard@cais2.cais.com
Message-ID: <3g9kce$i1a@news.cais.com>
Source record: 262197

If anyone has mods for the BC8500 would they please post them or e-mail them to me. I checked the earlier gopher site that was listed, but most of the mods seem to be for previous models. If there are other sites or faq sites, I would apreciate the addresses. TIA

Laura Beard, MD USA
e-mail: jtbeard@cais.com
--
jtbeard@cais.cais.com J. T. BEARD INC, ENGINEERING CONSULTANT
Phone: (301) 831-4175; Fax & Modem: (301) 695-5781
Snail Mail: Two James St #3A, Frederick MD 21701 USA

1287. Re: AR800 from Japan

Newsgroup: rec.radio.scanner
Date: 1995-01-27 02:30:30 UTC
From: tree@kla.com
Message-ID: <3g9ls6$l68@kla.com>
Source record: 261925

Bryan Montgomery (monty@pipeline.com) wrote:
: Hi,

: I was wondering whether anyone knows if the AOR AR8000 can be
: purchased in Japan (It is made in Japan isn't it?). How does it
: compare with the UK or US model in regards to what it can and
: can't do? How much is it retail out there?
: Thanks for any help,

Greetings,

Just returned from Japan (Osaka area) (yes I rocked and rolled =8*) and purchased my new AR8000 in the electronics town of Osaka. I wound up paying 59000 yen which depending on the exchange rates comes up close to $600. The shop I went to spoke almost no english and we used the pocket translators a lot. They did have an english manual for it and the ac adapter is 100V with the same plug as the US has, only approximately 2mm narrorer between the prongs. I haven't used the ac adapter yet, but I don't think that the 100V vs 120V will be a problem since it's a very low current device; maybe the adapter will be a little hotter running at 120V. Other opinions? An obvious difference is that all of the preprogramed bandplan is for japanese consumers, in katakana characters. Just plan on reprogmaing frequencies. Also picked up a "super slender" SH-85 comet antenna there; any opinions on this antenna? Oh, I thought I was being robbed on the case price of 2000 yen ($22), but it sounds like the going price is around $25 in the US.

Hope all this helps. ---:-)

<<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>>
The Tree ----:*] || The only difference between myself
tree@newkla.kla.com || and a mad man is that
KLA Instruments San Jose, CA || I'm NOT MAD!!! =:*) -S. Dali
==========<Disclaimer>==========
|| Any similarity between my opinions and those of KLA Instruments is ||
|| purely a coincidence and will never happen again I solemnly swear! ||
==========

1288. How can I make a Pro-23 pickup VHF Lo (30-54)?

Newsgroup: rec.radio.scanner
Date: 1995-01-27 03:05:19 UTC
From: knight@crash.cts.com
Message-ID: <D31n8x.G7u@crash.cts.com>
Source record: 262211

Hi...is there anyway I can make a Radio Shack Pro-23 scanner pickup VHF Lo (30-54)? It is the only scanner they are currently selling that does not pick up that range, but it is a great scanner otherwise. It has everything I need but that...it seems like it would be simple to make it pick up that range, but I don't know much about electronics. Can anyone help?

Thanks,

Jonathan Bulliung
Knight@ctsnet.cts.com

1289. Freq for Seoul Korea???

Newsgroup: rec.radio.scanner
Date: 1995-01-27 03:16:35 UTC
From: tree@kla.com
Message-ID: <3g9oij$l68@kla.com>
Source record: 262024

Greetings all,

I'm going to be in Korea for the next three weeks and it's a 2 hour drive
one way to the fab that I'll be working at. I picked up a magnetic mount
for a bnc antenna for my rental car and I'm wondering if anyone knows of
interesting freqs. Is their cell freq the same as in the states?
Anybody know of military freq that may be used? I'm using a AR8000 so
any shortwave freqs would be welcome also.

Thanks for all replies.
--
<<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>><<|>>
The Tree ----:*] || Experience is a wonderful thing.
tree@newkla.kla.com || It enables you to recognize a mistake
KLA Instruments San Jose, CA || when you make it again. =:*)
==============================<Disclaimer>================================
|| Any similarity between my opinions and those of KLA Instruments is ||
|| purely a coincidence and will never happen again I solemnly swear! ||
==

1290. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-27 04:25:26 UTC
From: spiel@larry.cc.emory.edu
Message-ID: <3g9sjm$5h1@moe.cc.emory.edu>
Source record: 262201

: Now all I need is my "Beyond Police Call". In the mean time, if anyone
: has the freq's for the TV, Newspaper and radio Media in NYC, please post
: them here. I would love to pick up an unusual crime on a police freq's and
: then here the News crew at work to report it for the Evening News.

: Rob

I found a text file listing some NYC media, but it's mostly traffic. I
have never tried them so I don't know if they are any good.

Well here are a few more for you. I didn't know about WOR's frequencyand I
believe the WFAN frequency is wrong. WFAS-FM uses the frequency 450.650:

452.9750 Shadow Traffic F-1, Operations (PL 103.5hz), input 457.9750
450.8375 Shadow Traffic F-2, Westchester (PL 103.5hz), input 455.8375
453.0000 Shadow Traffic F-3, New Jersey (PL 103.5hz), input 458.0000
(Anybody know the F-4 frequency and what is it for?)
455.5625 Shadow Traffic F-5, Production (PL 103.5hz), simplex
Also WINS-AM
450.1375 Shadow Traffic F-6, Connecticut (PL 103.5hz), input 455.1375
450.8125 Metro Traffic, Production (PL 67.0hz), input 455.8125
450.0875 WCBS-AM, Production (PL 94.8hz), input 455.7000
This is also known as Shadow Traffic F-8 and is used by AIR-9
(a Shadow Traffic reporter) for Suburban Sky Patrol reports.
450.5626 WALK-FM, Production, simplex
450.6500 WFAS-FM, Production, simplex
To make this list complete:
450.2500 WOR-AM

1291. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-27 04:51:53 UTC
From: steves4626@aol.com
Message-ID: <3g9u59$al8@newsbf02.news.aol.com>
Source record: 262202

If someone was going to listen, they might search 869.04 thru 893.62

1292. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-27 04:59:41 UTC
From: erikw@bat.engr.sgi.com
Message-ID: <3g9ujt$e50@fido.asd.sgi.com>
Source record: 262216
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

In article <3g8t74$a48@mark.ucdavis.edu>, ctbaker@taco.engr.ucdavis.edu writes:
> i got a copy of a newsletter detailing how one person hooked up a
> computer interface to an AR1000XLT and some simple code he used to
> control the scanner... (the newsletter i got from m. alexander who also
> frequents this site...)
>
> also the book on using the ar1000xlt by bernstein(?) is very helpful...
>
Your right the bernstein book is a real bonus.
Someone sent me a pointer to "The Guide To The AR1000"
from the Electronics Equipment Bank in Vienna VA.
Can anyone give me a comparison? Also How about posting
a reference to that newsletter, name, date, issue, etc.
Or forward my name and E-Mail on to m. alexander, if you can.

Cheers Erik Wahlstrom
ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
PH. 415 390 3135 Fax 415 967 8496

This message contains my opinions which are in no way those of my employer.

1293. Re: Wanted- LA & Sand Diego Co. Freqs. Please

Newsgroup: rec.radio.scanner
Date: 1995-01-27 05:02:22 UTC
From: mbsokol@winternet.com
Message-ID: <mbsokol-2601952302220001@host-39.dialup.winternet.com>
Source record: 262203

In article <1995Jan23.132846.3816@inet.d48.lilly.com>,
qx01820@inet.d48.lilly.com wrote:
>
> What in particular are you looking for, I have a book an inch thick full of
> frequencies specific to San Diego.
>
> Kai

Kai, I am looking for the major law enforcement, fire, news station and
LAX and Burbank airport freqs. Also, if there are any emergency area-wide
channels that are used for major disasters (floods, earthquakes, etc.).
Any help would be appreciated. Thanks. Mike.

--
This area under construction.

1294. Re: Spectum display ideas?

Newsgroup: rec.radio.scanner
Date: 1995-01-27 06:53:22 UTC
From: hcorn@cix.compulink.co.uk
Message-ID: <D31xt0.81C@cix.compulink.co.uk>
Source record: 262206

> I am looking for suggestions on a good, cheap way to get a spectum
> display hooked to a R7000, AR3000A, or Pro-2005.
AOR in the have released a spectrum display add-on for the AR3000 at
about 600 pounds sterling. You can use it with other scanners with a
10.7 MHz IF but you then have to do some instant arithmetic to get derive
the actual frequency.

The Standard model you refer to didn't have a true spectrim analyser
facility - just the ability to get a display of activity of a few
adjacent channels - just like the AR8000 has now.

P

1295. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-01-27 07:20:17 UTC
From: mulligan@ACM.ORG
Message-ID: <3ga6rh$n9e@hopper.acm.org>
Source record: 262207

rsharp@paul.spu.edu (Ornery ol Ron) asked:
> ... cell ... what should be the start frequency and the end frequency ...

From the FAF - Frequently Asked Frequencies
on ftp://oak.oakland.edu
as /pub/hamradio/docs/misc/scanner.faf

Cellular Telephone [22.902]

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice

Mobiles transmit 45 MHz below the base (824.040-848.970) and
are usually repeated by the base. Channels are 30 kHz apart.

1296. Re: Scanner Mod Service (or do it yourself)

Newsgroup: rec.radio.scanner
Date: 1995-01-27 07:50:49 UTC
From: FTaylor@ix.netcom.com
Message-ID: <3ga8kp$efb@ixnews2.ix.netcom.com>
Source record: 262208

In <Harrington.Ed-2601951655280001@157.176.66.38>
Harrington.Ed@mail.ndhm.gtegsc.com (Ed Harrington) writes:

>
>I have successfully done the cellular unlock mods for the
>Realistic Models PRO-2006 and PRO-2022. I will be glad to
>do this for your scanner also. If you ship me your scanner
>and a check for $50, I will ship it back to you with the
>cellular band unlocked---greatly increasing its value.
>
>Please respond via E-Mail.
>
>Thanks,
>
>Ed--AA1IN.
>

Or you can save all that shipping time...

(I've done)
PRO-2006 -- cellular mod

a. Unplug power. Disconnect any other cables or antennas.
b. At the back, remove the screws holding the cover on.
c. Remove cover.
d. Find diode D502 on circuit board behind the numeric keypad. (Near the top
of the unit.
e. Cut one leg of the D502 diode.
f. Spread the leads apart.
g. Reassemble.

PRO-2006 -- 15% scan speed increase

a. Perform steps a-c, above.
b. Find diode D503 on circuit board behind the numeric keypad. (Near the top
of the unit.
c. Cut one leg of the D503 diode.
d. Spread the leads apart.
e. Reassemble.

(I've seen)
PRO-2022 -- cellular mod

a. Unplug power. Disconnect any other cables or antennas.
b. Remove the screws holding the cover on.
c. Remove cover.
d. Find diode D44 on circuit board.

e. Cut one leg of the D44 diode.
f. Spread the leads apart.
g. Reassemble.

By all means, if it looks too tough after openning it up avail yourself of this or the other opportunities out there.

Frank

1297. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-27 08:10:47 UTC
From: lou@gary.com
Message-ID: <77396487702@gary.com>
Source record: 262209

IO>AdaMatt (adamatt@aol.com) wrote:
IO>: A frequency counter (correct me if I'm wrong) is a thing that detects
IO>: active freqs in the air. If what I just said was correct, how much does
IO>: one of those things cost? (approximately) And where can I get one? What
IO>: brand is the best? Thaks a lot!

IO>A frequency counter is multimeter, a device used by electricians and
IO>engineers to test voltage, current, resistance, and other fun stuff in
IO>circuits. What *you* mean is scanner. They go from $90 - $1000+. As for
IO>brand, I like the Trident TR-2400. But it all depends on what you want
IO>to listen to.
IO>--
IO>Odium@USiS.COM
IO>~~~~~~~~~~~~~~
IO>(Check out my WEB page at|---***Selfish people are happy people.***---
IO>(http://usis.com/~odium/ | -I said that
IO>(* H/P related info |
IO>(* Scanner junk |
dO>(* Misc. Crap |

WRONG,
A frequency Counter is NOT a multimeter for measuring Current,
Voltage, resistance and such. It is a FREQUENCY COUNTER. It counts
frequency. There are some models of Multimeters that have a Frequency
Counter in them as a sort of multi versitile testing device, but usually
those counters onlt go up to about 4 MHz.

A good counter will measure from about 10 Hz upto 3 GHz (covering AF to
RF), depending on what model you buy.

Example: IF you have a CB set tuned to Channel 19, and a counter nearby,
the counter should read approximately 27.185.00 MHz or close to that,
when you keyed the mic. That is if you have the equipment set up
properly. If for example the counter showed 27.180.00 MHz, then that
would mean that you are off frequency, and either you need to repair the
problem or get someone else to.

Now do you know what a frequency counter is?????

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

1298. Cellular channel/Frequency chart as asked for

Newsgroup: rec.radio.scanner
Date: 1995-01-27 09:41:31 UTC
From: mike@world.std.com
Message-ID: <D325L7.6yF@world.std.com>
Source record: 262215
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
CELLULAR BAND A
Cntrl 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318 317 316 315 314 313
Tx MHz 879.99 879.96 879.93 879.90 879.87 879.84 879.81 879.78 879.75 879.72 879.69 879.66
879.63 879.60 879.57 879.54 879.51 879.48 879.45 879.42 879.39
Rx MHz 834.99 834.96 834.93 834.90 834.87 834.84 834.81 834.78 834.75 834.72 834.69 834.66
834.63 834.60 834.57 834.54 834.51 834.48 834.45 834.42 834.39
------------------------------------------------------------------------------------------
------------------------------------------------------------
Chanl 312 311 310 309 308 307 306 305 304 303 302 301 300 299 298 297 296 295 294 293 292
Tx MHz 879.36 879.33 879.30 879.27 879.24 879.21 879.18 879.15 879.12 879.09 879.06 879.03
879.00 878.97 878.94 878.91 878.88 878.85 878.82 878.79 878.76
Rx MHz 834.36 834.33 834.30 834.27 834.24 834.21 834.18 834.15 834.12 834.09 834.06 834.03
834.00 833.97 833.94 833.91 833.88 833.85 833.82 833.79 833.76
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Chanl 291 290 289 288 287 286 285 284 283 282 281 280 279 278 277 276 275 274 273 272 271
Tx MHz 878.73 878.70 878.67 878.64 878.61 878.58 878.55 878.52 878.49 878.46 878.43 878.40
878.37 878.34 878.31 878.28 878.25 878.22 878.19 878.16 878.13
Rx MHz 833.73 833.70 833.67 833.64 833.61 833.58 833.55 833.52 833.49 833.46 833.43 833.40
833.37 833.34 833.31 833.28 833.25 833.22 833.19 833.16 833.13
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Chanl 270 269 268 267 266 265 264 263 262 261 260 259 258 257 256 255 254 253 252 251 250
Tx MHz 878.10 878.07 878.04 878.01 877.98 877.95 877.92 877.89 877.86 877.83 877.80 877.77
877.74 877.71 877.68 877.65 877.62 877.59 877.56 877.53 877.50
Rx MHz 833.10 833.07 833.04 833.01 832.98 832.95 832.92 832.89 832.86 832.83 832.80 832.77
832.74 832.71 832.68 832.65 832.62 832.59 832.56 832.53 832.50
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Chanl 249 248 247 246 245 244 243 242 241 240 239 238 237 236 235 234 233 232 231 230 229
Tx MHz 877.47 877.44 877.41 877.38 877.35 877.32 877.29 877.26 877.23 877.20 877.17 877.14
877.11 877.08 877.05 877.02 876.99 876.96 876.93 876.90 876.87
Rx MHz 832.47 832.44 832.41 832.38 832.35 832.32 832.29 832.26 832.23 832.20 832.17 832.14
832.11 832.08 832.05 832.02 831.99 831.96 831.93 831.90 831.87
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Chanl 228 227 226 225 224 223 222 221 220 219 218 217 216 215 214 213 212 211 210 209 208
Tx MHz 876.84 876.81 876.78 876.75 876.72 876.69 876.66 876.63 876.60 876.57 876.54 876.51
876.48 876.45 876.42 876.39 876.36 876.33 876.30 876.27 876.24
Rx MHz 831.84 831.81 831.78 831.75 831.72 831.69 831.66 831.63 831.60 831.57 831.54 831.51
831.48 831.45 831.42 831.39 831.36 831.33 831.30 831.27 831.24
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Chanl 207 206 205 204 203 202 201 200 199 198 197 196 195 194 193 192 191 190 189 188 187
Tx MHz 876.21 876.18 876.15 876.12 876.09 876.06 876.03 876.00 875.97 875.94 875.91 875.88
875.85 875.82 875.79 875.76 875.73 875.70 875.67 875.64 875.61
Rx MHz 831.21 831.18 831.15 831.12 831.09 831.06 831.03 831.00 830.97 830.94 830.91 830.88
830.85 830.82 830.79 830.76 830.73 830.70 830.67 830.64 830.61

Chanl 186 185 184 183 182 181 180 179 178 177 176 175 174 173 172 171 170 169 168 167 166
Tx MHz 875.58 875.55 875.52 875.49 875.46 875.43 875.40 875.37 875.34 875.31 875.28 875.25
875.22 875.19 875.16 875.13 875.10 875.07 875.04 875.01 874.98
Rx MHz 830.58 830.55 830.52 830.49 830.46 830.43 830.40 830.37 830.34 830.31 830.28 830.25
830.22 830.19 830.16 830.13 830.10 830.07 830.04 830.01 829.98

Chanl 165 164 163 162 161 160 159 158 157 156 155 154 153 152 151 150 149 148 147 146 145
Tx MHz 874.95 874.92 874.89 874.86 874.83 874.80 874.77 874.74 874.71 874.68 874.65 874.62
874.59 874.56 874.53 874.50 874.47 874.44 874.41 874.38 874.35
Rx MHz 829.95 829.92 829.89 829.86 829.83 829.80 829.77 829.74 829.71 829.68 829.65 829.62
829.59 829.56 829.53 829.50 829.47 829.44 829.41 829.38 829.35

Chanl 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130 129 128 127 126 125 124
Tx MHz 874.32 874.29 874.26 874.23 874.20 874.17 874.14 874.11 874.08 874.05 874.02 873.99
873.96 873.93 873.90 873.87 873.84 873.81 873.78 873.75 873.72
Rx MHz 829.32 829.29 829.26 829.23 829.20 829.17 829.14 829.11 829.08 829.05 829.02 828.99
828.96 828.93 828.90 828.87 828.84 828.81 828.78 828.75 828.72

Chanl 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103
Tx MHz 873.69 873.66 873.63 873.60 873.57 873.54 873.51 873.48 873.45 873.42 873.39 873.36
873.33 873.30 873.27 873.24 873.21 873.18 873.15 873.12 873.09
Rx MHz 828.69 828.66 828.63 828.60 828.57 828.54 828.51 828.48 828.45 828.42 828.39 828.36
828.33 828.30 828.27 828.24 828.21 828.18 828.15 828.12 828.09

Chanl 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82
Tx MHz 873.06 873.03 873.00 872.97 872.94 872.91 872.88 872.85 872.82 872.79 872.76 872.73
872.70 872.67 872.64 872.61 872.58 872.55 872.52 872.49 872.46
Rx MHz 828.06 828.03 828.00 827.97 827.94 827.91 827.88 827.85 827.82 827.79 827.76 827.73
827.70 827.67 827.64 827.61 827.58 827.55 827.52 827.49 827.46

Chanl 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61
Tx MHz 872.43 872.40 872.37 872.34 872.31 872.28 872.25 872.22 872.19 872.16 872.13 872.10
872.07 872.04 872.01 871.98 871.95 871.92 871.89 871.86 871.83
Rx MHz 827.43 827.40 827.37 827.34 827.31 827.28 827.25 827.22 827.19 827.16 827.13 827.10
827.07 827.04 827.01 826.98 826.95 826.92 826.89 826.86 826.83

Chanl 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40

Tx MHz 871.80 871.77 871.74 871.71 871.68 871.65 871.62 871.59 871.56 871.53 871.50 871.47
871.44 871.41 871.38 871.35 871.32 871.29 871.26 871.23 871.20
Rx MHz 826.80 826.77 826.74 826.71 826.68 826.65 826.62 826.59 826.56 826.53 826.50 826.47
826.44 826.41 826.38 826.35 826.32 826.29 826.26 826.23 826.20

Chanl 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19
Tx MHz 871.17 871.14 871.11 871.08 871.05 871.02 870.99 870.96 870.93 870.90 870.87 870.84
870.81 870.78 870.75 870.72 870.69 870.66 870.63 870.60 870.57
Rx MHz 826.17 826.14 826.11 826.08 826.05 826.02 825.99 825.96 825.93 825.90 825.87 825.84
825.81 825.78 825.75 825.72 825.69 825.66 825.63 825.60 825.57

Chanl 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
Tx MHz 870.54 870.51 870.48 870.45 870.42 870.39 870.36 870.33 870.30 870.27 870.24 870.21
870.18 870.15 870.12 870.09 870.06 870.03
Rx MHz 825.54 825.51 825.48 825.45 825.42 825.39 825.36 825.33 825.30 825.27 825.24 825.21
825.18 825.15 825.12 825.09 825.06 825.03

CELLULAR BAND B
Cntrl 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354
Tx MHz 880.02 880.05 880.08 880.11 880.14 880.17 880.20 880.23 880.26 880.29 880.32 880.35
880.38 880.41 880.44 880.47 880.50 880.53 880.56 880.59 880.62
Rx MHz 835.02 835.05 835.08 835.11 835.14 835.17 835.20 835.23 835.26 835.29 835.32 835.35
835.38 835.41 835.44 835.47 835.50 835.53 835.56 835.59 835.62

Chanl 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375
Tx MHz 880.65 880.68 880.71 880.74 880.77 880.80 880.83 880.86 880.89 880.92 880.95 880.98
881.01 881.04 881.07 881.10 881.13 881.16 881.19 881.22 881.25
Rx MHz 835.65 835.68 835.71 835.74 835.77 835.80 835.83 835.86 835.89 835.92 835.95 835.98
836.01 836.04 836.07 836.10 836.13 836.16 836.19 836.22 836.25

Chanl 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396
Tx MHz 881.28 881.31 881.34 881.37 881.40 881.43 881.46 881.49 881.52 881.55 881.58 881.61
881.64 881.67 881.70 881.73 881.76 881.79 881.82 881.85 881.88
Rx MHz 836.28 836.31 836.34 836.37 836.40 836.43 836.46 836.49 836.52 836.55 836.58 836.61
836.64 836.67 836.70 836.73 836.76 836.79 836.82 836.85 836.88

Chanl 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417
Tx MHz 881.91 881.94 881.97 882.00 882.03 882.06 882.09 882.12 882.15 882.18 882.21 882.24
882.27 882.30 882.33 882.36 882.39 882.42 882.45 882.48 882.51
Rx MHz 836.91 836.94 836.97 837.00 837.03 837.06 837.09 837.12 837.15 837.18 837.21 837.24
837.27 837.30 837.33 837.36 837.39 837.42 837.45 837.48 837.51

Chanl 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438
Tx MHz 882.54 882.57 882.60 882.63 882.66 882.69 882.72 882.75 882.78 882.81 882.84 882.87
882.90 882.93 882.96 882.99 883.02 883.05 883.08 883.11 883.14
Rx MHz 837.54 837.57 837.60 837.63 837.66 837.69 837.72 837.75 837.78 837.81 837.84 837.87
837.90 837.93 837.96 837.99 838.02 838.05 838.08 838.11 838.14

Chanl 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459
Tx MHz 883.17 883.20 883.23 883.26 883.29 883.32 883.35 883.38 883.41 883.44 883.47 883.50
883.53 883.56 883.59 883.62 883.65 883.68 883.71 883.74 883.77
Rx MHz 838.17 838.20 838.23 838.26 838.29 838.32 838.35 838.38 838.41 838.44 838.47 838.50
838.53 838.56 838.59 838.62 838.65 838.68 838.71 838.74 838.77

Chanl 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480
Tx MHz 883.80 883.83 883.86 883.89 883.92 883.95 883.98 884.01 884.04 884.07 884.10 884.13
884.16 884.19 884.22 884.25 884.28 884.31 884.34 884.37 884.40
Rx MHz 838.80 838.83 838.86 838.89 838.92 838.95 838.98 839.01 839.04 839.07 839.10 839.13
839.16 839.19 839.22 839.25 839.28 839.31 839.34 839.37 839.40

Chanl 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501
Tx MHz 884.43 884.46 884.49 884.52 884.55 884.58 884.61 884.64 884.67 884.70 884.73 884.76
884.79 884.82 884.85 884.88 884.91 884.94 884.97 885.00 885.03
Rx MHz 839.43 839.46 839.49 839.52 839.55 839.58 839.61 839.64 839.67 839.70 839.73 839.76
839.79 839.82 839.85 839.88 839.91 839.94 839.97 840.00 840.03

Chanl 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522
Tx MHz 885.06 885.09 885.12 885.15 885.18 885.21 885.24 885.27 885.30 885.33 885.36 885.39
885.42 885.45 885.48 885.51 885.54 885.57 885.60 885.63 885.66
Rx MHz 840.06 840.09 840.12 840.15 840.18 840.21 840.24 840.27 840.30 840.33 840.36 840.39
840.42 840.45 840.48 840.51 840.54 840.57 840.60 840.63 840.66

Chanl 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543
Tx MHz 885.69 885.72 885.75 885.78 885.81 885.84 885.87 885.90 885.93 885.96 885.99 886.02
886.05 886.08 886.11 886.14 886.17 886.20 886.23 886.26 886.29
Rx MHz 840.69 840.72 840.75 840.78 840.81 840.84 840.87 840.90 840.93 840.96 840.99 841.02
841.05 841.08 841.11 841.14 841.17 841.20 841.23 841.26 841.29

Chanl 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564
Tx MHz 886.32 886.35 886.38 886.41 886.44 886.47 886.50 886.53 886.56 886.59 886.62 886.65
886.68 886.71 886.74 886.77 886.80 886.83 886.86 886.89 886.92
Rx MHz 841.32 841.35 841.38 841.41 841.44 841.47 841.50 841.53 841.56 841.59 841.62 841.65
841.68 841.71 841.74 841.77 841.80 841.83 841.86 841.89 841.92

Chanl 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585

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Tx MHz 886.95 886.98 887.01 887.04 887.07 887.10 887.13 887.16 887.19 887.22 887.25 887.28
887.31 887.34 887.37 887.40 887.43 887.46 887.49 887.52 887.55
Rx MHz 841.95 841.98 842.01 842.04 842.07 842.10 842.13 842.16 842.19 842.22 842.25 842.28
842.31 842.34 842.37 842.40 842.43 842.46 842.49 842.52 842.55
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Chanl 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606
Tx MHz 887.58 887.61 887.64 887.67 887.70 887.73 887.76 887.79 887.82 887.85 887.88 887.91
887.94 887.97 888.00 888.03 888.06 888.09 888.12 888.15 888.18
Rx MHz 842.58 842.61 842.64 842.67 842.70 842.73 842.76 842.79 842.82 842.85 842.88 842.91
842.94 842.97 843.00 843.03 843.06 843.09 843.12 843.15 843.18
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Chanl 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627
Tx MHz 888.21 888.24 888.27 888.30 888.33 888.36 888.39 888.42 888.45 888.48 888.51 888.54
888.57 888.60 888.63 888.66 888.69 888.72 888.75 888.78 888.81
Rx MHz 843.21 843.24 843.27 843.30 843.33 843.36 843.39 843.42 843.45 843.48 843.51 843.54
843.57 843.60 843.63 843.66 843.69 843.72 843.75 843.78 843.81
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Chanl 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648
Tx MHz 888.84 888.87 888.90 888.93 888.96 888.99 889.02 889.05 889.08 889.11 889.14 889.17
889.20 889.23 889.26 889.29 889.32 889.35 889.38 889.41 889.44
Rx MHz 843.84 843.87 843.90 843.93 843.96 843.99 844.02 844.05 844.08 844.11 844.14 844.17
844.20 844.23 844.26 844.29 844.32 844.35 844.38 844.41 844.44
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Chanl 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666
Tx MHz 889.47 889.50 889.53 889.56 889.59 889.62 889.65 889.68 889.71 889.74 889.77 889.80
889.83 889.86 889.89 889.92 889.95 889.98
Rx MHz 844.47 844.50 844.53 844.56 844.59 844.62 844.65 844.68 844.71 844.74 844.77 844.80
844.83 844.86 844.89 844.92 844.95 844.98
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Test .sig
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1299. Re: I HATE ACE!!!!!

Newsgroup: rec.radio.scanner
Date: 1995-01-27 11:06:02 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2701950602220001@alexander.terranet.com>
Source record: 262210

In article <3g9592$j9e@panix3.panix.com>, schuster@panix.com (Michael Schuster) wrote:

> Start using REC.radio.scanner
>
>
>
> In article <3g6m57$1es@newsbf02.news.aol.com>, BAlbu <balbu@aol.com> wrote:
> >I purchased an AR1000xlt four weeks ago and they still haven't sent it.
> >What's worse is that they have already billed my visa. The girl on the
> >phone said that it still may be a couple of weeks till they get the parts
> >they need. What type of parts do you need on a new scanner? Anybody have
> >problems with ace before? If so please post or e-mail. I want to know
> >how long this is going to take.
>
> How long have you been reading this newsgroup? Didn't you catch any of the
> "vibes" here about ACE Communications?
>
I bought a scanner from ACE without incident several months ago. However, in this case, I bet the problem is that ACE simply can't get the unit (I'm assuming that you're after a no-gap model). I'd cancel the order and try someone else, like Tucker.

--
Michael Alexander
"Nils Carborundum"

1300. Help for a beginner!

Newsgroup: rec.radio.scanner
Date: 1995-01-27 13:50:38 UTC
From: nek@cbnews.cb.att.com
Message-ID: <D32H4F.9L5@nntpa.cb.att.com>
Source record: 262001

I need a little help here, I was just given a BC855XLT scanner and
don't know where to start.

What are the capabilities?
Can I get a better antenna, and if so which one?
What frequencies can I obtain?

I hope there is somone out there that can help me along with this.

Any help will be appreciated.
Thanks in advance!

Is this considered a good radio?

1301. Re: The death of SPEEDX

Newsgroup: rec.radio.scanner
Date: 1995-01-27 16:23:18 UTC
From: steve@hi.com
Message-ID: <steve-2701951223180001@brainiac.hi.com>
Source record: 262212
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I'm sorry to see SPEEDX go. I liked the format of Shortwave Radio Today.

Although I'm not a utility enthusiast, I imagine those who are will
especially miss SPEEDX, since it seemed to be the only club that featured
much in the way of utility logs and info.

-Steve

--
Steve Byan internet: steve@hi.com
Hitachi Computer Products (America), Inc.
1601 Trapelo Road phone: (617) 890-0444
Waltham, MA 02154 FAX: (617) 890-4998

1302. RS Pro-23 mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-27 17:28:02 UTC
From: strysik@lmis.loral.com
Message-ID: <strysik-2701951228020001@lmis084.lmis.loral.com>
Source record: 262221
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I haven't seen any postings for modifying Radio Shack Pro-23 scanners.
Has anybody attempted such a feat, or do I have a low-tech scanner that
isn't worth the bother?

--
Kevin R. Strysik | "If you haven't tried these
Loral Medical Imaging Systems, Inc.| things you should. These things
Internet: strysik@interaccess.com | are fun, and fun is good."
strysik@lmis.loral.com |
AppleLink: V0923 | - Dr. Seuss

1303. Re: The death of SPEEDX

Newsgroup: rec.radio.scanner
Date: 1995-01-27 18:07:06 UTC
From: troach@ix.netcom.com
Message-ID: <3gbcoa$6cp@ixnews1.ix.netcom.com>
Source record: 262213
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In <steve-2701951223180001@brainiac.hi.com> steve@hi.com (Steve Byan) writes:

>
>I'm sorry to see SPEEDX go. I liked the format of Shortwave Radio
>Today.
>
-
>Steve Byan internet: steve@hi.com
>Hitachi Computer Products (America), Inc.
>1601 Trapelo Road phone: (617) 890-0444
>Waltham, MA 02154 FAX: (617) 890-4998
>

Look at the positive side. It may encourage those readers of SPEEDX to think about getting a computer and getting on the Internet. Here they can share their knowledge and logs with thousands! I couldn't believe the number of people I queried at the '94 MT Convention who never heard of Internet. With the advance of technology more and more will have access to it. It sure is faster and cheaper than US Snail and the printing costs of a paper base letter. Of course electronic logs can be keyword searched, etc. etc. But I'm preaching to the choir, or am I?

Tom Roach

"You better start swimming or you'll sink like a stone, for the times they are 'a changing!"

Bob Dylan (in the days when he had something interesting to say!)

1304. Re: Sportcat Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-27 18:09:11 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3gbcs7$gn1@nntp.crl.com>
Source record: 262214

>
> I'm interested in the Bearcat Sportcat Scanner. Can anyone post/email me a list of the frequencies which this scanner receives? Also, are there any mods which would extend that set? Thanks in advance!
>
> Steve

Steve I noticed an article featuring that scanner in
Popular Science or some similar magazine while
killing time in a grocery store.

I think it was pop science since I read an article
that was rather interesting about the Titanic instead
of the article about that sportcat scanner. This was just
a few days ago so it may be a current or new issue.

Vic Healey ki4je

1305. Re: MTX9000

Newsgroup: rec.radio.scanner
Date: 1995-01-27 18:45:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.14384.5773.0N1CC128@canrem.com>
Source record: 262223

> Somone else suggested scanning 896 to 925. Do you concur? Do you
> know how many channels this radio can operate on?

If it's on a trunked system then it can operate on a number of channels. About the only way you'll figure out which system it's on is to listen to that range and try to hear that particular user. If you have the radio then take it to a Motorola dealer and have him read the codeplug.

Knowing the make of radio does narrow things down somewhat but you'll still have to search out the frequencies with a scanner.

Steve
* JABBER v1.1 * Why are love and relationships so confusing?

1306. What are those new LAPD

Newsgroup: rec.radio.scanner
Date: 1995-01-27 20:44:04 UTC
From: Laura Quarantiello <Laura.Quarantiello@f1207.n202.z1.fidonet.org>
Message-ID: <791239444@f1207.n202.z1.ftn>
Source record: 262106

HG>Does anyone know what these radios are called and what their
HG>capabilties are??

Gene Hughes talks about these new radios in-depth in the latest issue of
POLICE CALL Southern California Detail Edition.

Take care,
Laura

* OLX 2.1 TD * Coffee Break: What writers do every five minutes

1307. Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-27 21:02:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <791254746.AA01186@rochgte.fidonet.org>
Source record: 262080

> From: drice@enuxsa.eas.asu.edu (David Rice)
> Organization: Arizona State University, Tempe, AZ

> people with scanners will hear what they are saying. If they truly want
> NO ONE to know, then they should use a landline telephone or face-to-face

Absolutely right.

> communication. By the same token, though, I think that the agencies
> should be able to use the radio without Joe Scanner calling up his 10
> friends, who call their 10 friends, who form a crowd of 500 gawkers
> at an emergency scene.

If the police had more time available to them, they could probably interview some of the gawkers and find out where they live. If they don't live within sight of the scene, then they should be asked how they found out about the incident.

As I think about where this idea is going, I find that I'm suggesting activity by the wrong law enforcement group. The FBI should interview gawkers at emergency scenes, because they have the power to arrest people just for violating ECPA or the Communications Act.

1308. Re: Surete du Quebec

Newsgroup: rec.radio.scanner
Date: 1995-01-27 22:08:40 UTC
From: <>
Message-ID: <3gbqt8$q5a@wizard.uark.edu>
Source record: 262145

vincent@etu.gel.ulaval.ca (Vincent Simard) writes:

> The provincial police of Quebec will change their communication's
>system before 'april 95'... Anybody knows which kind of system that they
>will use?

No more 167.010 (Metro)? No more full duplex?? Hmmm. My guess would be
the 410-415 band, but that's just a guess. Hope they don't encrypt ...

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

1309. Re: minor problem -- pro46

Newsgroup: rec.radio.scanner
Date: 1995-01-28 01:34:45 UTC
From: Irv Smith <irvsmith2@delphi.com>
Message-ID: <h2066RF.irvsmith2@delphi.com>
Source record: 262217

Devon:

I have noticed a lot of dust around the edges of the display and in the corners but none getting behind it.

-=Irv=-

1310. Re: What was that key combination for the PRO-51?

Newsgroup: rec.radio.scanner
Date: 1995-01-28 02:11:13 UTC
From: knob@netcom.com
Message-ID: <knobD33FEq.660@netcom.com>
Source record: 262218

In article <3gc040$24fa@lamar.colostate.edu>,
Michael Saunders <micsaund@lamar.ColoState.EDU> wrote:
knob-:I was wondering if someone could repost the key combination that will enable
knob-:the "test" mode on the PRO-51's, dated 7A4 or before. There isn't a mod file
knob-:on the ftp site that I usually check (oak.oakland.edu).

There are two that seem to work, depending on "which" 7A4 you
have. Some can be enabled by a simple 2 + 9 + Lockout (all three keys
held down when unit is off, then power on with the keys held down).

Another 7A4 (the one I have) needs one additional step. Hold down
2 + 9 + BAND, then power on radio. This will put the radio in test mode
where all digits on the LCD come on. While its in this mode, press and
hold down 2 + 9 + Lockout for a few seconds. The test freqs will then be
inserted.

-Jeff <knob@netcom.com>

--
==
DON'T TREAD ON ME!
==========================email to knob@netcom.com============================

1311. Whitehall, Oh frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-28 02:47:16 UTC
From: mrscat911@aol.com
Message-ID: <3gcb7k$5mm@newsbf02.news.aol.com>
Source record: 262219

I would like the emergencies and police frequencies including the 800 numbers for Whitehall and columbus, Oh can anyone help send e-mail to Mrs Cat@aol.com thank you.

1312. BC350A

Newsgroup: rec.radio.scanner
Date: 1995-01-28 04:40:56 UTC
From: herring1@ix.netcom.com
Message-ID: <3gchso$299@ixnews2.ix.netcom.com>
Source record: 262220

Hello All.
Would like to know if there are any mods to the
BC350A. Any information will be greatly apreeactied.
E-mail to: herring1@ix.netcom.com
Thanks in Advance

Ciao,
Brad

1313. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-28 04:49:14 UTC
From: glittle@sumter.awod.com
Message-ID: <3gcica$1q2@sumter.awod.com>
Source record: 262222
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

Curtis Wheeler (cgwh@chevron.com) wrote:
: In article <gradyD2tEAI.1y1@netcom.com> grady@netcom.com (Grady Ward) writes:

: >Fran (75471.304@CompuServe.COM) wrote:
: >: An unidentified transmission of any kind is technically illegal.
: >: It's illegal to "kerchunk"

: >Short test transmissions need not be identified. Read the rules.
: >73 KO6EB
: >Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

: I have - there is no exemption from identifying that I can find for "short
: test transmissions". This type of transmission would be considered an
: authorized one way transmission but still needs to be identified. If you
: kerchunk in order to test your radio, that's fine - but you need to id IAW the
: rules under which you are licensed.

: The only exemption from normal IDing procedures is for telecommand of model
: craft.

: Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
: KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

It looks like KO6EB is a product of the VE testing system.
If you can memorize the answers to some questions, you can get a license.
At lease he knows what part of the CFR governs the service he uses.
The VEs here do not even randomize the answers to the questions.

In another few years the "virus" that has infested amateur radio (the KO6EBs)
will render the hobby useless and the EIA will have it's way.
Amateur radio will go the way of CB and the frequencies that we have left
will be taken away and auctioned off to the highest bidder.
As happened to 220 MHz and UPS.

The Telephone Pioneers here have a 220 MHz system state wide.
It went up shortly after Hugo hit.
It does not take a rocket scientist to figure out why Ma Bell financed
this system.
Its much cheaper to finance a radio system in the ham bands than it is to
buy the frequency and license it.
In time of disaster the Pioneer 220 MHz system will most probably be used
for commercial traffic.

This is what the KO6EBs do for us.

Glenn Little
WB4UIV
licensed 23 years

1314. mod for scanner-pro-2032

Newsgroup: rec.radio.scanner
Date: 1995-01-28 07:18:00 UTC
From: rocky.theoret@undiscovered.com
Message-ID: <8A2708A.157000137A.uuout@undiscovered.com>
Source record: 262110

I'm fairly new to this group. Was wondering if there is a mod for the
pro-2032 radio shack scanner? Any help on this would be much
appreciated. There is a sticker on the back that says 9A3.
Am I out of luck or what?

--
--
--
Thanks in advance.
.
P.S. There was somebody looking for a manual for the pro-46, I have one
to send you if you E-mail me at;
rocky.theoret@undiscovered.com

1315. test

Newsgroup: rec.radio.scanner
Date: 1995-01-28 11:31:13 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3gd9u1gbq1@adelaide.DIALix.oz.au>
Source record: 262081
Cross-posted to: rec.radio.scanner,alt.radio.scanner

If this letter gets out OK can someone just email me please!!!

Im testing my new system....

Cheers Matthew
matthew@adelaide.dialix.oz.au

1316. Re: ANYONE USE AR1000 W/COMPUTER INTERFACE?!?!?!

Newsgroup: rec.radio.scanner
Date: 1995-01-28 12:06:30 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2801950702420001@alexander.terranet.com>
Source record: 262082

In article <3gc4he$kom@insosf1.infonet.net>, aldrich@ins.infonet.net wrote:

> Does anyone have any information on a comuputer iuterface for the AR-1000? The Phone # listed in an earlier post got me nowhere.

I don't see why it wouldn't it was posted correctly by at least two people.

> Needless to say,I'm grateful to anyone who can send me in the right
> direction as I am currently directionless. (story of my life come to think of
> it!) @:^) pardon my turban!

That seems obvious at this point.

Here is what an earlier response to your query indicated:

>If you want to know more about the prospect of computer interfacing, take a look at World Scanner Report newsletter--Vol. 4, Num. 8--for a comprehensive modification. The newsletter is available at 619-578-9247 (voice).

I'll add to that you can also reach them thru their BBS. Tele num 619-578-9247, 5:30pm to 1:30pm, PDT, week days & 24 hrs on weekends.

If this doesn't work it is because you don't know how to use the telephone.

--
Michael Alexander
"Nils Carborundum"

1317. Police Freq's?? Montgomery County, MD

Newsgroup: rec.radio.scanner
Date: 1995-01-28 12:34:29 UTC
From: cary@cmc.eng.comsat.com
Message-ID: <3gddkl$j4i@gazoo.sdd.comsat.com>
Source record: 262083

I'm visiting the DC Metro area and wondered if someone could provide me Police frequencies in the northwest DC, Maryland Area. Montgomery County, MD to be precise.

Thanks.

Ham Campbell

1318. Repair Tips for Bearcat Scanner Radios

Newsgroup: rec.radio.scanner
Date: 1995-01-28 13:54:32 UTC
From: parnass@ihlpf.att.com
Message-ID: <D34Byw.EL3@nntpa.cb.att.com>
Source record: 262084
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

Last changed: January 4, 1995. Lines changed since the |
previous issue are marked with a | character in the right |
margin.

REPAIR TIPS: BEARCAT SCANNER RADIOS

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Introduction

The original Bearcat scanner line was manufactured by
Electra of Cumberland, Indiana. In the mid 1980s, Uniden
bought out the Bearcat scanner line and Uniden's first
Bearcat scanner was the 800XLT model.

Most of the models discussed in this article are
base/mobile units made by Electra during the 1970s and
1980s. Electra stamped all of its scanners with a
manufacturing date code on the rear of the cabinet. The
code is comprised of a single character (C = Cumberland,
Indiana, P = Puerto Rico), followed by four digits denoting
year and week the radio was built. For example, "P8422"
denotes the radio was made in the Puerto Rico factory
during the 22nd week of 1984.

Schematics and Parts Available

Schematic diagrams may be obtained from Uniden/Bearcat's
parts department, (317)842-2483.

G & G Communications (telephone 716-768-8151) is a family
owned company which repairs scanners and stocks parts for
several older models, especially Electra/Bearcat and
Regency brands. They are located at 9247 Glenwood Drive,
LeRoy, NY 14482.

Electronic Repair Centers in Franklin Park, Illinois |
(telephone 708-455-5105) has been repairing Bearcat
scanners for several years. They charge a flat $45 repair
rate for programmable and $30 for crystal scanners, and
shipping is extra. Electronic Repair Centers will fix

Regency scanners if they can obtain the parts.

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem.

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In almost a dozen of the BC300 scanners I've fixed, C98, a | capacitor in series with the primary of the switching transformer failed, causing the output of the supply to drop below the level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The

22uF/16V capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I replaced the 22 uF capacitor in the switching power | supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden.

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times.

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints.

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate | pushbutton switch for this purpose. These scanners use a flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two

BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know if this is a common problem.

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition.

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board.

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the two pins with an X-Acto knife fixed the problem.

Other Problems

Complaints of low audio output and occasional microphonics | in two Uniden/Bearcat 800XLTs were caused by a bad 47 ufd electrolytic capacitor in series between the external speaker jack and audio amplifier.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1319. Improve the Squelch in Your Monitor Receiver

Newsgroup: rec.radio.scanner
Date: 1995-01-28 13:57:43 UTC
From: parnass@ihlpf.att.com
Message-ID: <D34C47.EML@nntpa.cb.att.com>
Source record: 262085
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

last changed December 21, 1994 |

IMPROVE THE SQUELCH IN YOUR MONITOR RECEIVER

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author.]

The squelch control in some FM monitor receivers is difficult to use because of too much hysteresis. The American Heritage Dictionary of the English Language defines hysteresis as the:

o "Failure of a property changed by an external agent to return to its original value when the cause of the change is removed."

It's like having play in a car's steering wheel, or backlash in a gear set. Too much hysteresis in a squelch circuit forces one to keep the squelch at a tighter setting, missing weaker signals when scanning or searching. The squelch hysteresis problem was first addressed in a 1984 article about the Radio Shack PRO-24 crystal controlled scanner.

Why do engineers design these circuits with any hysteresis? Basically, hysteresis prevents weak signals from "popping" the squelch open and closed rapidly, which would be very annoying to the listener. A squelch circuit with hysteresis requires a stronger signal to open the squelch than it does to keep it open.

Models cursed with too much hysteresis include the Uniden/Bearcat 800XLT and 760XLT, Radio Shack PRO-2003, PRO-2004, and others. Don't despair, the fix is simple for most radios. I've successfully reduced the squelch hysteresis by replacing a single resistor.

Hysteresis is usually implemented by providing feedback from the squelch gate input to output, through a resistor. The higher the resistor value, the less feedback there is, and less hysteresis. My modification involves replacing the "stock" resistor with a higher value resistor, as

identified in the table below.

This article cannot provide step-by-step instructions for each radio. I always encourage radio hobbyists to purchase the service manuals for their equipment. The most useful sections of the manual are the schematics and printed circuit diagrams. Good manuals will also describe the theory of operation and alignment procedures, and contain a complete parts list.

If your radio has too much hysteresis, and is not listed in the table, study the service manual. Motorola MC3357, MC3359, and MC3361 integrated circuits, which contain IF and squelch circuitry, are popular in scanners. In these receivers, look for the hysteresis resistor to be connected to these ICs.

Notes

1. The author cannot furnish modification information for other radios.

2. Don't attempt this, or any other internal modification, unless you are skilled in electronic servicing.

3. Make sure your receiver is disconnected from any power source before opening the cabinet.

Table 1. Squelch Hysteresis Resistor In Selected Receivers

Squelch Hysteresis Resistor In Selected Receivers		
Receiver	Res-istor Value	Stock Comments
Radio Shack PRO-24	R35 33K	replace with 220K. Located between pins 12 and 14 of MC3357 (IC1)
Radio Shack PRO-2002	R197 47K	try 220K.
Radio Shack PRO-2004	R148 47K	remove R148 or replace with 220K. On linear board, between pins 12 & 14 of TK10420 (IC2)
Radio Shack PRO-2022	33K	replace 33K with 220K. Between pins 12 & 14 on IC-1 MC3361
Radio Shack PRO-2035	100K	replace 100K

	with 220K.
	Between pins 12 & 14
	of TK10420 (IC-2)
Electra/Bearcat 220	R75 2.7M may be ok as is
Electra/Bearcat 20/20	R75 2.7M may be ok as is
Electra/Bearcat 250	R66 2.2M may be ok as is
Uniden/Bearcat 760XLT	R58 22K replace with 6.8K
	or other value.
	(select value for
	the particular radio.)
	Located on pin 14
	of MC3359P IC
Uniden/Bearcat 800XLT	R91 860K replace with 2.2M.
	Located on pin 14
	of MC3359P IC
Plectron P1	R81 180K may be ok as is
Plectron 700	R96 180K replace with 560K
_____	_____

References

1. "The Radio Shack PRO-24 Scanner," by Bob Parnass, excerpted in the "Technical Topics" column, RCMA Newsletter, February 1984.

2. "The Bearcat 800XLT ... an Owner's Report," by Bob Parnass, in Monitoring Times, March 1986.

3. "Product Review: The Radio Shack PRO-2004 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, February 1987, and Monitoring Times, March 1987.

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1320. ? CTCSS option for BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-28 15:20:36 UTC
From: dave3rd@interlog.com
Message-ID: <3gdnj0$pde@steel.interlog.com>
Source record: 262096

Hi,

Does anyone know of a CTCSS option for the BC2500XLT. Also, any ideas on how to add a PL tone decoder to a Scanner. You would think for the price of this unit, it would have had these options already - Arghhhhh!

Thanks,

Dave

1321. AOR8000 for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-28 15:26:00 UTC
From: David@bay-tree.demon.co.uk
Message-ID: <791306760snz@bay-tree.demon.co.uk>
Source record: 262086

AOR8000 Scanning receiver.
500 kHz to 1900 MHz
AM NFM WFM USB LSB CW
1000 memories
so many features...
only 4 months old, complete with receipt/12 months guarantee, case,
nicads/charger etc...
buyer to collect
(reason for sale - I've passed the RAE and have to buy a rig!!)

price: 275 uk pounds

David Lovatt
Highgate, London N6

1322. Re: AR8000 and hissing headphones

Newsgroup: rec.radio.scanner
Date: 1995-01-28 15:49:43 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3gdp2n$9ni@sparc.occ.uky.edu>
Source record: 262087

120W40000-R.BANTEL(MT4744)1017MT (rb@mtsol.mt.att.com) wrote:
: The in-ear headphones have too good a high frequency
: response. I noticed the same problem with my Yupi.

: I switched to a cheap ($2.99!) pair of "on-the-ear"
: headphones and I don't notice the hiss as much. Their
: poor quality (for hi-fi) is fine for voice-only scanner
: use.

An easy fix for earphone hiss is to add a 1k to 2k ohm resistor into the
plug. Cut off the old plug, add a small (1/8 watt) resistor in series
with the earphones.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

1323. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-28 16:25:08 UTC
From: grady@netcom.com
Message-ID: <gradyD34Ixx.wE@netcom.com>
Source record: 262088
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

Glenn Little (glittle@sumter.awod.com) wrote:
: Its much cheaper to finance a radio system in the ham bands than it is to
: buy the frequency and license it.
: In time of disaster the Pioneer 220 MHz system will most probably be used
: for commercial traffic.

: This is what the KO6EBs do for us.

: Glenn Little
: WB4UIV
: licensed 23 years

Well I'm all for the Old Farts like WB4UIV teaching us young'uns
how to really efficiently use amateur radio. How about staying on
the CW slivers allocated for your privilege class and showing the
reast of us how efficiently you can use them.

WB4UIV represents the worst, vicious tradition of amateur radio
the tradition that shortly will make amateur radio worthless except
for chopping up and auctioning off to hand held video games.

WB4UIV should start innovating in the hobby rather than whining
about their betters who point out that brass pounding is
becoming suspiciously close to sand pounding.

--
Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

'finger grady@netcom.com' for instant information on Moby lexicons

1324. Re: Bearcat 560XLT mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-28 16:42:00 UTC
From: gunship@columbus.clipper.de
Message-ID: <090_9501300958@clipper.de>
Source record: 262030

drwhat # 198.133.237.1@2:240/5500.55 meinte am 23.01.95 zum Thema "Bearcat 560XLT mods?":

> Howdy all!
>
> I have a Bearcat 560XLT scanner.. and would like to know if there is any
> information on any modifications that can be done to it??
I need the same Info for a AOR 1500 D.
Is there any Information about modifications ?

ByeBye

2:241/230.13@fidonet.org
Gunship@Columbus.clipper.de

1325. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-28 16:46:18 UTC
From: critter@wizvax.wizvax.com
Message-ID: <1995Jan28.164618.18635@news.wizvax.com>
Source record: 262090
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

In article <D2u9Cs.Iqn@news.hawaii.edu>,
Jeffrey Herman <jeffrey@math.hawaii.edu> wrote:

[part 97.403 deleted]
>
>So before you use your HT out-of-band to call for help you'd better
>make sure none of the following are nearby: pay phone, cellular phone,
>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>someone within shouting distance who could summon further help,
>signalling mirror to signal an overhead airplane. Otherwise, no
>fair grumbling if your HT gets taken away and you receive a NAL.

1: If you read the original post, you would have known that there were
no ham repeaters in reach.

2: If you had read the original post, you would have known that the HT
was confiscated by the sherriff's office, which has no legal authority
to do so.

3: Do you know for a fact that this ham was carrying a cell phone? If
he was not (I don't know if he was either) then the cell site would be a
moot point, since HT's dont work with cell sites.

4: There is a good chance that even if the ham was carry a cell phone,
it would have been as useless as the ham band, if not more so. The
sherriff's office had arranged full coverage of the are by their repeater
out of necessity. Both ham repeaters and cell phones are luxury items,
so maybe not as much effort was made to get the coverage. Cell sites are
purposely short-ranged anyway.

I await your reply.

--
Glenn C. Lasher, Jr.
critter@wizvax.com
finger for PGP key

1326. Re: ANYONE USE AR1000 W/COMPUTER INTERFACE?!?!?!

Newsgroup: rec.radio.scanner
Date: 1995-01-28 17:01:44 UTC
From: aldrich@ins.infonet.net
Message-ID: <3gdt9o$esm@insosf1.infonet.net>
Source record: 262089

In article <michael-2801950702420001@alexander.terranet.com>,
michael@alexander.terranet.com (Michael Alexander) writes:
>In article <3gc4he$kom@insosf1.infonet.net>, aldrich@ins.infonet.net wrote:
>
>> Does anyone have any information on a comuputer iuterface for the AR-1000? The Phone #
listed in an earlier post got me nowhere.
>
>
>I don't see why it wouldn't it was posted correctly by at least two people.
>
>> Needless to say,I'm grateful to anyone who can send me in the right
>> direction as I am currently directionless. (story of my life come to think of
>> it!) @:^) pardon my turban!
>
>That seems obvious at this point.
>
>Here is what an earlier response to your query indicated:
>
>>If you want to know more about the prospect of computer interfacing, take a look at World
Scanner Report newsletter--Vol. 4, Num. 8--for a comprehensive modification. The
newsletter is available at 619-578-9247 (voice).
>
>I'll add to that you can also reach them thru their BBS. Tele num 619-578-9247, 5:30pm to
1:30pm, PDT, week days & 24 hrs on weekends.
>
>If this doesn't work it is because you don't know how to use the telephone.
>
>--
>Michael Alexander
>"Nils Carborundum"
Gee Mikey! I tried that number repeatedly with no luck. I'm confidant
that a helpful human being will still get me on the right track. You obviously
don't qualify.
Unless you have time to waste don't bother with a reply in any form. You
just made the IGNORE list. You can guess what the word is short for!
You apprarently feel you are quite the WIT and have proven yourself
half-right (first time for everything!)

Have a nice flame!!

1327. Calculator

Newsgroup: rec.radio.scanner
Date: 1995-01-28 17:16:22 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6109@rook.ukc.ac.uk>
Source record: 262091

The following useless piece of information surprised me and may interest you:

I picked up a signal from my graphical calculator around 141MHz, if held within about 6 inches. It made an interesting blipping sound when drawing graphs.

Was this genuine RF or just circuitry playing games?

1328. Re: Foreign Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-28 17:40:14 UTC
From: Larry Ledlow <72017.1736@CompuServe.COM>
Message-ID: <3gdvhulmp1@mhade.production.compuserve.com>
Source record: 262092

US phones are relatively common over here, as more and more people bring them back or receive them as gifts. No, they're not legal. DTI-approved cordless phones are in the 47.45625-47.54375 MHz range. US phones fall nearby, but in the range allocated to cordless mics, baby monitors, etc. Therefore, interference is low.

1329. RS Pro-2030 or Pro -23mods?

Newsgroup: rec.radio.scanner
Date: 1995-01-28 18:42:14 UTC
From: jorth@herbie.unl.edu
Message-ID: <3ge366$oqj@crcnis3.unl.edu>
Source record: 262094

Are there any mods available for the Radio shack Pro-2030 or the
Pro-23? In particular, I am interested in VHF-lo reception on the
Pro-23. However, any mod advice on these would be appreciated.
Happy scanning!
Jason

1330. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-28 18:43:45 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950128103321.12342B-100000-100000@watson.ECE.ORST.EDU>
Source record: 262098

On 26 Jan 1995, Daniel Martin wrote:

> VA>He He. Well when I was 17 my buddies were getting busted for drinking
> VA>beer down by a creek. The officer left his Motorcycle alone so I keyed
> VA>the mike and used his number to do a QRS on his own plate! The dispatcher
> VA>was totally clueless until she realized I had just called in the
> VA>motorcycle. "37, that plate comes back to..... uh.... your motorcycle!?"
> VA>The officer suddenly realized what was going on and forgot about my buddies
> VA>and ran back to his bike. Of course I was looooong gone and so were my
> VA>buddies! I though it was pretty funny, didn't hurt anyone, and my buds
> VA>got off the hook. I don't think it was illegal, I mean I used the
> VA>police's radio, I was a resident of that city, I was paying taxes, so, I
> VA>guess I was using my radio.
>
>
> Well there are those that will tell you that what you did was illegal
> and potentionally dangerous , re what if the freq was needed for a real
> police emerg comm. However, I am not one of these people. Bloody
> hilarious!!! I take it you were off for a nature break at the time he
> rolled up to investigate this serious offence<G>.

Well I know there was nothing dangerous about it. I didn't hear any thing going on and they have 2 freqs so if they got a real emergency they could have switched to F2. If it was a true emerg then they would have put the QRS aside. We were playing frisbee on the grass when he came up and looked around. He asked if we saw anyone and, well, we really weren't paying attention:-) It couldn't have happened to a nicer cop. He's a real ***hole. I know a few officers in that city and they all say he's quite a prick. I told a few of them about it and they got a quite a laugh out of it. I can't wait till I see his bike alone again :->

1331. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-28 18:46:59 UTC
From: frisbie@flying-disk.com
Message-ID: <1995Jan28.104659.460@flying-disk.com>
Source record: 262095

In article <3g3jmv$j9i@quartz.ucs.ualberta.ca>,
kwong@ee.ualberta.ca (Kevin Mark Wong) writes:

> Peter M Woolsey (mupmw7@uxa.ecn.bgu.edu) wrote:
>> -- Many more of the police agencies are steering more and more towards
>> "plain-english" radio communications due to the vast differences in 10 codes
>
> I've always thought the codes and the differences between codes of even
> adjacent cities was deliberate, the purpose being to confound "casual"
> radio eavesdroppers. Of course, most people can figure out the codes after
> a while without any list of codes. It is only the most naive and infrequent
> scanner listener who does not understand. But where will the fun of
> monitoring the police be if they start talking like ordinary folk? 8-)

The Los Angeles Times recently had an article on how the slang
used by the LAPD varies from area to area within the city.
One example they used was the term "gimme" to describe a cheap
handgun. This is derived from the phrase "gimme all your money".
While one division of the LAPD uses this extensively, other
divisions do not use it at all.

-- Alan E. Frisbie Frisbie@Flying-Disk.Com
-- Flying Disk Systems, Inc.
-- 4759 Round Top Drive (213) 256-2575 (voice)
-- Los Angeles, CA 90065 (213) 258-3585 (FAX)

1332. Grove e-mail address

Newsgroup: rec.radio.scanner
Date: 1995-01-28 20:14:09 UTC
From: mow@hpsyvae1.syntex.com
Message-ID: <3ge8ih$ssu@yoda.Syntex.Com>
Source record: 262097

```
Anyone have Grove's e-mail address? Thanks in advance.

--

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
mow@hpsyvae1.syntex.com +========+
| |
| |
+---+ +---+
| | | |
bass-o-matic +---+ +---+
vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
```

1333. Re: ftp site?

Newsgroup: rec.radio.scanner
Date: 1995-01-28 20:15:08 UTC
From: Tom Howley <76362.407@CompuServe.COM>
Message-ID: <3ge8kd$ht5$1@mhadf.production.compuserve.com>
Source record: 262100
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>>Is there an FTP site containing scanner mods?

Try oak.oakland.edu It is available for anonymous FTP. They
have a couple of directories of ham stuff that have all kinds of
mods

1334. AR3000A INFO WTD

Newsgroup: rec.radio.scanner
Date: 1995-01-28 20:24:42 UTC
From: opp@worldweb.net
Message-ID: <opp-2801951724420001@204.117.218.107>
Source record: 262099

I'd like to hear any and all comments -- pro and con -- and your personal experiences with the AR3000A. Does it require an external speaker, for example. Is the supplied antenna any good? Is it a radio with too many bells and whistles and options that no one's actually going to use? is there intermod problems? Is it superior to the Ar8000? Is it worth $700 used but in mint condition? Thanks in advance.

--
And that's the way it was...

1335. NYC EMS FREQs

Newsgroup: rec.radio.scanner
Date: 1995-01-28 20:28:15 UTC
From: hank167@news.dorsai.org
Message-ID: <D34u73.GnJ@dorsai.org>
Source record: 262102

Can anybody help me find the frequencys for NYC EMS? They're the only
NYC emeregency service I don't have.
-hank

1336. Re: AR8000 & Macintosh

Newsgroup: rec.radio.scanner
Date: 1995-01-28 20:37:36 UTC
From: opp@worldweb.net
Message-ID: <opp-2801951737360001@204.117.218.107>
Source record: 262101

In article <D2v53s.59E@news.arco.com>, Glen Arceneaux <ddjgwa@arco.com> wrote:

> In article <RAlpert-2101951516340001@0.0.0.0> Robert Alpert,
> RAlpert@qm.ATTAIN.com writes:
> >Does anyone out there have an AR8000, the computer interface and a
> Macintosh?
> >
>
>
> I have the interface and a Mac. I have written a HyperCard 2.2 stack to
> run the AR8000.
>
I am a 'Mac person' and would love to get a copy of your program. It
sounds fantastic. I might add that when I was shopping around for my 8000
I learned from a company cslled Scanners Unlimited in Ca. that someone was
working on a commercial program for the Mac/8000. Thanks. Can't wait.

--
And that's the way it was...

1337. Pro-43 4sale from Dale Gadd.

Newsgroup: rec.radio.scanner
Date: 1995-01-28 21:16:01 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1995Jan28.151601.83979@kuhub.cc.ukans.edu>
Source record: 262104

If you have tried to contact Dale Gadd
(dalegadd@aol.com)
concerning buying a PRO-43,
please contact me by e-mail.
I have some important information.
Thanks.

BB

(Brett Bennett)

bbb@kuhub.cc.ukans.edu

1338. Re: NYC EMS FREQs

Newsgroup: rec.radio.scanner
Date: 1995-01-28 21:30:18 UTC
From: clay@panix.com
Message-ID: <3ged1a$gri@panix.com>
Source record: 262103

In <D34u73.GnJ@dorsai.org> hank167@news.dorsai.org (Hank Eisenstein) writes:

>Can anybody help me find the frequencys for NYC EMS? They're the only
>NYC emeregency service I don't have.

Most are trunked, but try (from Monitor America):
47.66 MHz Transfer and Morgue Units
477-478 MHz (for example, Citywide is 478.0125, Command is
478.0125)
855.4875 MHz (Manhattan North Dispatch)
854.9875 MHz (Brooklyn South/Staten Island Dispatch).

--
Clay Irving, N2VKG | Membership Director (sea-member@sea.org)
clay@panix.com | The Society for Electronic Access (SEA)
<URL:http://www.panix.com/~clay> | <URL:http://www.panix.com/sea>

1339. Re: AR 8000: Labelling banks?

Newsgroup: rec.radio.scanner
Date: 1995-01-28 22:30:07 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-2801951530070001@rsg-av.com>
Source record: 262105

In article <3g5rim$8n9@adam.spu.edu>, rsharp@paul.spu.edu (Ornery ol Ron) wrote:

> I know you can enter text labels for each channel, but I thought you
> could have a label for each bank. How?

Unfortunately not possible. I just print out a small (credit card) sized "Guild" to the search and scan banks. Good enough I guess.

Labeling banks is just another reason why the computer control program will be nice (in addition to infinate banks and banks with any number of channels, and full text comments, and autostoring an infinate number of search hits?). Only problem is getting the radio far enough away from the computers RF.

--
michael.ayotte@netcom.com

1340. build AR8000 interface?

Newsgroup: rec.radio.scanner
Date: 1995-01-28 22:34:34 UTC
From: hemstree@vcd.hp.com
Message-ID: <hemstree-2801951434340001@b1shvb01.vcd.hp.com>
Source record: 262108

Has anyone attempted to build an AR8000 computer interface from scratch?
Is it easier/cheaper just to buy the built cable?

Thanks,
Charles

--

___ Charles H. Hemstreet IV phone: 1-360-212-4490
/ / Software Lab fax: 1-360-212-4154
HEWLETT/hp/PACKARD 18110 SE 34th Street
/__/ Vancouver, WA 98607
email: hemstree@vcd.hp.com

1341. Re: WORLD WIDE WEB SCANNER SITE

Newsgroup: rec.radio.scanner
Date: 1995-01-28 22:34:45 UTC
From: Ken Hales <tkhales@email.unc.edu>
Message-ID: <Pine.A32.3.91.950128173136.102058B-100000@isisa.oit.unc.edu>
Source record: 262107
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Try http://itre.uncecs.edu/radio/RadioCatalogRT.html#SCANNERS

Don't forget the capital letters.

On 24 Jan 1995, Matthew Volkmer wrote:
>
> Does anyone have any URL addresses for WWW for scanner info?

1342. Wanted- LA & Sand Diego C

Newsgroup: rec.radio.scanner
Date: 1995-01-28 22:57:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501281634073162@ectech.com>
Source record: 262112

>>I will be travelling in the LA and San Diego County areas in the near
>>future and would like a listing of any local and county-wide scanner
>>freqs. that are availabe for posting. Thanks in advance. Mike.

Too many to post!

Grab a copy of SCANMN10.ZIP - The Scanman's Handbook. OVER 800K of data
for Southern California!

Available on the tagline. Shareware.

Clint Bradford, KE6LCS
---
* TLX/OLX/QmodemPRO * ATTENTION to Details BBS - 909/681-6221

1343. Wanted- LA & Sand Diego C

Newsgroup: rec.radio.scanner
Date: 1995-01-28 23:01:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9501281634073163@ectech.com>
Source record: 262113

>>I will be travelling in the LA and San Diego County areas in the near
>>future and would like a listing of any local and county-wide scanner
>>freqs. that are availabe for posting. Thanks in advance. Mike.

Too many to post!

Grab a copy of SCANM11.ZIP - The Scanman's Handbook. OVER 800K of data
for Southern California!

Available on the tagline. Shareware.

Clint Bradford, KE6LCS
---
* TLX/OLX/QmodemPRO * ATTENTION to Details BBS - 909/681-6221

1344. RS pro-2028

Newsgroup: rec.radio.scanner
Date: 1995-01-28 23:25:29 UTC
From: maurader@ix.netcom.com
Message-ID: <3gejp9$i23@ixnews3.ix.netcom.com>
Source record: 262109

Hi im a newbie at this hobbie and I would like to know if there is anyone who reads this newsgroup owns or uses a pro-2028, if so please let me know what you think of this model and how it compares to other RS models.

thanks
wayne b. maurader@ix.netcom.com

1345. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-29 00:10:01 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D354Gp.GBz@news.hawaii.edu>
Source record: 262133
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

Why are you cross posting this to so many groups, Glenn?
I've taken Dana's suggestion and directed this to rec.radio.policy.

critter@wizvax.wizvax.com (Glenn C. Lasher Jr.) writes:

>Jeffrey Herman <jeffrey@math.hawaii.edu> wrote with respect to
>the Part 97 wording ``...when normal communication systems are
>not available.'':

>>So before you use your HT out-of-band to call for help you'd better
>>make sure none of the following are nearby: pay phone, cellular phone,
>>CB radio, amateur repeater, amateurs monitoring a simplex frequency,
>>someone within shouting distance who could summon further help,
>>signalling mirror to signal an overhead airplane. Otherwise, no
>>fair grumbling if your HT gets taken away and you receive a NAL.

>1: If you read the original post, you would have known that there were
>no ham repeaters in reach.

Do you mean the original post from two years ago? Yes I read it and
I recall there was an FCC official present when the ham was given
the option of donating his radio or face charges. But that event
is on a distant vertex to the present discussion. Currently we're
analysing Part 97 regarding the issue overall. The `>>' quoted
above is my interpretation of what ``...normal communication
systems are not available'' means. I'm just trying to prevent
someone from having to go to court to justify their out-of-
band transmission.

>2: If you had read the original post, you would have known that the HT
>was confiscated by the sherriff's office, which has no legal authority
>to do so.

See the above. Also note that an FCC official was present, and that
there is only one r in sheriff.

>3: Do you know for a fact that this ham was carrying a cell phone? If
>he was not (I don't know if he was either) then the cell site would be a
>moot point, since HT's dont work with cell sites.

We're discussing this in the abstract, not with respect to a particular
event. Did you just start reading this? Which newsgroup are you on?
Come join us over on rec.radio.amateur.misc, for you must be on one
of the cross-posted groups that just picked up this topic.

>4: There is a good chance that even if the ham was carry a cell phone,
>it would have been as useless as the ham band, if not more so. The
>sherriff's office had arranged full coverage of the are by their repeater
>out of necessity. Both ham repeaters and cell phones are luxury items,
>so maybe not as much effort was made to get the coverage. Cell sites are
>purposely short-ranged anyway.

Again, we're not discussing a particular event. It sounds to me that
you're trying to justify transmitting out-of-band; remember, first
check to see that ``...normal communication systems are not
available.''

>I await your reply.

If you had carefully read what I wrote in the context of the discussion
you wouldn't have to waste your weekend awaiting my reply!

73 from beautiful Hawaii,
Jeff NH6IL

1346. Pro 2030 - What adapter to use for car operation?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 00:11:10 UTC
From: knight@crash.cts.com
Message-ID: <D354Io.GuD@crash.cts.com>
Source record: 262116

Which voltage rate adapter should I use for my Pro 2030 so that I can use it in a car. It does not say it can be used in a car, but it uses DC power. Also...is there anyway I can tell if my Pro 2030 is cellular modifiable with out unscrewing the case? Perhaps by serial number or something in the manual?

Thanks,

Jonathan Bulliung
Knight@ctsnet.cts.com

1347. Re: Grove e-mail address

Newsgroup: rec.radio.scanner
Date: 1995-01-29 01:16:22 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2801952012310001@alexander.terranet.com>
Source record: 262114

In article <3ge8ih$ssu@yoda.Syntex.Com>, mow@hpsyvae1.syntex.com (Marshall Warner) wrote:

> Anyone have Grove's e-mail address? Thanks in advance.
>

Try this one:

grove@mercury.interpath.net (Bill Grove - Grove Enterprises)

That's not their address for ordering stuff, however. You probably have to try their BBS numbers, which are in MT and catalog.

--
Michael Alexander
"Nils Carborundum"

1348. Re: Can anyone read this? I can't

Newsgroup: rec.radio.scanner
Date: 1995-01-29 02:08:23 UTC
From: jldavis@bga.com
Message-ID: <3getar$tu@giga.bga.com>
Source record: 262115

In article <3g74ih$k2a@explorer.csc.com>, lambrose@csc.com (Laren Ambrose) says:
>
>Michael Miller (studebkr@gonix) wrote:
>
>Must be some sort of computer security system. Write only.
>Maybe I don't have a need to know? :-)
>
>didn't see a thing. Try different colors in your mail front-end. Blue
>foreground with blue background just gets blue like below:
>---------
>
>
>
>---- Did you see the above ?
>
Looks just fine here.

1349. new Bearcat

Newsgroup: rec.radio.scanner
Date: 1995-01-29 02:25:03 UTC
From: helix@gate.net
Message-ID: <3geu9v$mel@tequesta.gate.net>
Source record: 262117

Hi, I was wondering if the new Bearcat handheld 100 channel scanner is cell modifyable. i guess its the new 100xlt or something, seems, like the same features etc just has turboscan. Is the new 200 channel modifiable? What I am really interested in is the 100 channel, can this radio be modified? how about the sport cat can that be vell modded?

brian
.

1350. codes for Austin area

Newsgroup: rec.radio.scanner
Date: 1995-01-29 03:29:30 UTC
From: jldavis@bga.com
Message-ID: <3gf22r$303@giga.bga.com>
Source record: 262118

If you have the codes and what they stand for, for Austin Tx.area, please
e-mail them. Thanks!
jldavis@bga.com

1351. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-29 03:59:09 UTC
From: romulus@escape.com
Message-ID: <3gf3qd$sko@beyond.escape.com>
Source record: 262062

Stephan Piel (spiel@larry.cc.emory.edu) wrote:
: : Now all I need is my "Beyond Police Call". In the mean time, if anyone
: : has the freq's for the TV, Newspaper and radio Media in NYC, please post
: : them here. I would love to pick up an unusual crime on a police freq's and
: : then here the News crew at work to report it for the Evening News.

: : Rob

: I found a text file listing some NYC media, but it's mostly traffic. I
: have never tried them so I don't know if they are any good.
: ---------

yes a few did work. Thanks alot.

1352. Baby Monitors - where in spectrum?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 04:38:08 UTC
From: jeffpmil@aol.com
Message-ID: <3gf63g$8ct@newsbf02.news.aol.com>
Source record: 262119

Where to tune for baby monitors?

Public/private okay?

Thanks gentlemen
Be seeing you,
Number 6

1353. Re: Baby Monitors - where in spectrum?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 05:17:56 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3gf8e4$j0e@globalnews.globalvision.net>
Source record: 262120

jeffpmil@aol.com (JeffPMil) wrote:
>
> Where to tune for baby monitors?
>
> Public/private okay?
>
> Thanks gentlemen
> Be seeing you,
> Number 6

Baby monitor are at 49mHz :

49.83 is very common. This is also the same frequency as many walkie-talkie, headsets, etc., so you may hear more than just 'babies'!

Scott

1354. President Clinton

Newsgroup: rec.radio.scanner
Date: 1995-01-29 05:19:20 UTC
From: steven@sgb.oau.org
Message-ID: <D35Is9.Btr@sgb.oau.org>
Source record: 262123
Cross-posted to: oau.news,alt.radio.scanner,rec.radio.scanner

I read in the newspaper today that President Clinton is due to visit Lake Mary on Friday, as part of an education ceremony put on by Siemens/Stromberg Carlson. It was front page, local & state, bottom, Saturday a.m. edition.

If you are a radio scanning enthusiast, it's time to break out the federal frequencies and see what's happening. The President always has an advance team come in for security setup. Should offer some golden opportunities in central Florida, especially north Seminole County (Lake Mary).

If any of the amateur radio guys see this, it should be announced on the ham net on Sunday night at 8pm - repeater 146.73 mhz. Reception was poor last week, I hope its better this weekend.

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@gate.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1355. Re: Baby Monitors - where in spectrum?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 05:26:31 UTC
From: aldrich@ins.infonet.net
Message-ID: <3gf8u7$npr@insosf1.infonet.net>
Source record: 262121

In article <3gf63g$8ct@newsbf02.news.aol.com>, jeffpmil@aol.com (JeffPMil) writes:
>Where to tune for baby monitors?
>
>Public/private okay?
>
>Thanks gentlemen
>Be seeing you,
>Number 6
Hi Jeff I think there's 3 or 4 freqs. I know 49.830 is one of 'em.
Just search 49.600 to 50.000 and you'll hear 'em if there's any to hear!

Best wishes,
Swami Tommy @:^)

1356. Using GATT to repeal ECPA?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 06:06:36 UTC
From: tim@tbd.oau.org
Message-ID: <sBzKvA+LBh107h@tbd.oau.org>
Source record: 262122

On page 4 of the current Monitoring Times (February 1995), a letter from Robert Thompson indicates international trade policy might be one way to tell the cellular industry lobbyists, congress, and the FCC to go "f" themselves.

Mr. Thompson states, "any signatory nation that is being economically damaged by the cellular-capable scanner ban may file a complaint with the Dispute Settlement Body of the General Council of the World Trade Organization under the Uruguay Round! Any nation that is being harmed may file - including Cuba!...Let us all rally around our less friendly global neighbors!"

Now I KNOW representatives from the FCC read this group because one of them was stupid enough to call a friend of mine, posing as an interested hobbyist of course, wanting details of where to import full coverage receivers, where to get blocked scanners modified, would he modify them, etc. after he posted several comments in this group telling everyone to IGNORE the law. Yeah, bozo, you don't think he didn't see right past your interests when you wanted the full details on so many things? My question is are there any experts on trade policy and GATT that would care to comment on the letter that appears in MT?

It's refreshing to see that the Bob Grove of old has returned. In several issues of MT last year he appeared to be selling out to the FCC with his less than accurate statements regarding the importation of full coverage receivers. Now his ads for the PRO-2006 no longer state the only way to buy a full coverage scanner is to purchase one "from stock imported BEFORE April 26, 1994." His self-serving paranoia regarding monitoring is no longer there as evidenced by the latest "Closing Comments" column, page 120, February 1995 issue MT, "So what are the practical consequences [to the amending of ECPA '86 to include cordless telephone monitoring]? None. Consumers will go on using their cordless phones with reckless abandon, and scanner listeners who are so inclined will keep on intercepting their calls, just as they have for some twenty years."

Welcome back to reality, Bob! I told you and everyone else that back when the pages of MT were filled with so much crap regarding the monitoring of cellular one wanted to reach for a bottle of Pepto. Nice to discover you listen to more than just radios every

once in a while.

Let's face it. Unless you've been locked up in a federal prison
somewhere for the past year for monitoring a local politician
as he spoke on his cell-phone about ways to steal your money, you
KNOW where to get full coverage receivers. If you DON'T then
you probably don't have the mental capacity to operate a scanner
anyway.

Does the latest change to the ECPA of '86 mean that Aunt Martha
is a criminal because she picks up her neighbor's cordless phone
conversations on her dental work?

--
Tim Dobbins | Mail Based Archive Server On-line!
Internet: tim@tbd.oau.org | For filelist send "dir" message to:
tim@ix.netcom.com | listserv@tbd.oau.org
tdobbins@nyx.cs.du.edu |

| SAVE THE UNITED STATES OF AMERICA: IMPEACH CLINTON!!!! |
| Barney Frank *IS* a fag!! |

1357. SportCat 150Y Mods ?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 06:45:07 UTC
From: LeeC@ix.netcom.com
Message-ID: <3gfdhj$q1e@ixnews3.ix.netcom.com>
Source record: 262124

I recieved a SportCat 150 Y for Christmas. Never being satisfied with anything, I'm looking for any mods available for this unit. Can't seem to find any on the ussual ftp sites.

Thanks in advance, Lee

1358. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-29 07:45:26 UTC
From: barry@perth.DIALix.oz.au
Message-ID: <3gfh2m$gd0$1@perth.DIALix.oz.au>
Source record: 262126
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

: (bunch of stuff deleted)

Actually should be 2-metre

1359. Re: Foreign Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-29 07:55:21 UTC
From: hcorn@cix.compulink.co.uk
Message-ID: <D35q0A.5Lo@cix.compulink.co.uk>
Source record: 262125

UK cordless phones will work in the USA, provided you aren't concerned about local regulations and you take some precautions:

1 UK line voltage is 240 volts 50Hz AC as opposed to the USA 115 volts 60Hz AC. The difference in AC frequency isn't significant for this purpose but the voltage is - you will need a transformer

2 UK phone plugs/sockets are different from the US RJ-series. You will need to replace - it's not that difficult.

3 The UK frequencies are different from the US - at 47MHz and approx 1800 KHz. You need to establish that 47 MHz is not in use in your locality for something else - TV perhaps?

4 Although prices have dropped, UK cordless phones tend to be more expensive than the US equivalents

P

1360. Re: FCC Service Codes Question...

Newsgroup: rec.radio.scanner
Date: 1995-01-29 09:28:58 UTC
From: dan@halcyon.com
Message-ID: <3gfn4q$o8n@news.halcyon.com>
Source record: 262127

In article <3fuo3g$r3d@news.halcyon.com>,
scanware@myhost.subdomain.domain says...
>I need some help with two FCC Radio Service Codes that I don't
>know the meaning of. The codes are PM which I think might be
>something like Public Safety-Medical.....and the other is
>IV which I am at a loss to explain without guessing. It seems
>like things that are often found in the IB class...businesses
>but there doesn't seem to be a common 'thread' to the businesses.
>Any help would be much appreciated.

I have a file that lists service codes, but it is old and thoes two arn't
in it. I am also looking for a more up to date list of service codes.
Please post or email one if you get it.

If anyone wants me to post my (old) list, just mail me.
--
dan@halcyon.com (now using tia+SLIP)
Dan & Amy Lawrence
Seattle, WA USA

1361. Need FCC service codes gi gs su yi sy su

Newsgroup: rec.radio.scanner
Date: 1995-01-29 10:32:47 UTC
From: dan@halcyon.com
Message-ID: <3gfqsf$ork@news.halcyon.com>
Source record: 262128

I need the definitions of the following FCC service allocation codes:
GI GS GU YI YS YU

Is there a good up to date service code list anywhere? I looked around
on ftp.fcc.gov but didn't find anything useful there.
--
dan@halcyon.com (now using tia+SLIP)
Dan & Amy Lawrence
Seattle, WA USA

1362. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-29 11:09:58 UTC
From: dg715@cleveland.Freenet.Edu
Message-ID: <3gft26$r9i@usenet.INS.CWRU.Edu>
Source record: 262129

I believe someone here said the various codes used by police were developed to confuse scanner enthusiasts or anyone else who might be listening in on their gtransmissions.

Not true.

The codes were developed simply as a means to keep actual time on the air as brief as possible while getting the basic message across clearly. It takes much less time, for example, to say, "10-23" or "I'm 23" than to say, "I'm arriving at the site you've just dispatched me to." The differences in codes between departments or between divisions of large departments developed in much the same way as different languages developed between groups of people. Radio codes have been around longer than scanner listeners.
--
(DAVID MARK) dg715@cleveland.freenet.edu

1363. Two way radio

Newsgroup: rec.radio.scanner
Date: 1995-01-29 12:12:09 UTC
From: stuart@snmere.demon.co.uk
Message-ID: <791381529snz@snmere.demon.co.uk>
Source record: 262131

Hello

I live in Stockport near Manchester and have a Scanner.

I listen to taxi's and I seem to get just the base radio. Has anybody found
the taxi driver's mobile radio?

Email stuart@snmere.demon.co.uk

Thanks
STUART
--
stuart n meredith

1364. Re: How to clone a cell phone so 2 have same number

Newsgroup: rec.radio.scanner
Date: 1995-01-29 13:05:08 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3gg3q4$p1a@nntp.crl.com>
Source record: 262132

> In article <1995Jan17.151814.28457@den.mmc.com> jpotts@den.mmc.com (Jay Potts) writes:
> >Does any one know how to clone a cell phone so that I will end up
> >with 2 on the same number. I seem to remember reading about it somewhere
> >or seeing an add offering the service.
>
> Point your gopher at wiretap.spies.com, and look under Wiretap Online Lib./
> Questionables - there's a file with about 30 cellular mods there, along
> with all the frequencies used by them.
>

Stephen a Netscape WWW friendly post would be a URL

gopher://wiretap.spies.com:70/00/Library/Untech/cellphon.mod

Then all one has to do is click on your url and they have
an very long text file on cell phones.

73's
Vic Healey Ki4je

1365. Re: Baby Monitors - where in spectrum?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 13:43:41 UTC
From: mulligan@ACM.ORG
Message-ID: <3gg62d$7kh@hopper.acm.org>
Source record: 262134

```
From the FAF - Frequently Asked Frequencies
on ftp://oak.oakland.edu
as /pub/hamradio/docs/misc/scanner.faf

Cordless Telephone [15.233]

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970
```

1366. Yupiteru MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-29 15:35:50 UTC
From: ofarrell@bashful.rd.qms.com
Message-ID: <1995Jan29.153550.25112@qms.com>
Source record: 262135
Cross-posted to: rec.radio.swap,rec.radio.scanner

I've got a Yupiteru MVT-7100 I'd like to sell. It's about 10 months
old and in excellent (like new) condition.

All original accessories, owner's manual, and a leather case are
included in the original box.

I'm asking $550, plus shipping.

_/_/_/_/_/_/ _/ _/_/_/ _ John O'Farrell
_/ _/ _/ _/ _ Member of Technical Staff
_/ _/_/ _/_/_/ _/_/_/ _/ _/ _ QMS, Inc.
_/ _/ _/ _/ _/ _/ _/ _/ _/ _/ _ Mobile, AL
_/_/_/ _/_/ _/ _/ _/ _/ _/_/_/ _ ofarrell@qms.com

1367. Pro-46 7A3 Code

Newsgroup: rec.radio.scanner
Date: 1995-01-29 15:44:10 UTC
From: mbsokol@winternet.com
Message-ID: <mbsokol-2901950944100001@host-37.dialup.winternet.com>
Source record: 262136

I would like to know if it is possible to modify my Pro-46 to receive cellular, or any other freqs. that may have been programmed out by the manufacturer. My Pro-46 has a code of 7A3. Please let me know what I am missing and what would be the way to receive it on my unit.

--
This area under construction.

1368. Re: Cell phone antenna for scanner?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 16:09:17 UTC
From: Ed Gordon <U29255@UIC.EDU>
Message-ID: <19950129.174523.638492.NETNEWS@UICVM.UIC.EDU>
Source record: 262137

In article <3g95o4$ei1@info1.sdrc.com> Brian Morgan,
brian.morgan@sdrc.com writes:
>Subject: Cell phone antenna for scanner?
>From: brian.morgan
>Date: 26 Jan 1995 21:55:16 GMT
>>I have a cell phone antenna on my car I don't use anymore, and
>wondered if it was worth trying to hook it up to my scanner?
>I've got a BC 200XLT. Would it help reception at all, over the
>rubber duck antenna?
> Thanks!
> Brian
> brian.morgan@sdrc.com

Well, it would work for cellular, and would extend into other bands
(400-500 MHz), but wouldnt be exactly 'high-gain' on other bands, and of
course, the farther away from 900 MHz you went, the worse the reception
would be (yes, there is improvement at the "multiples" of 800-900 MHz,
such that, if it were a 5/8 wave at 800-900, it might be a 1/4 wave at
300 or something... needs to be figured out)... he best way is to plug
and play and see how you like the results.

--**
Kids need the darndest things... like a little bit of YOUR blood to
survive Leukemia. Many die each day for lack of a perfectly matched
donor. Odds of matching: 1/20,000. Donating only hurts a tiny bit, but
not getting it means almost certain DEATH to the recipient, and >80%
survival with it! So get on the registry TODAY! The life you save may be
someone JUST LIKE YOU (immunologically, anyway). Call 1-800-MARROW-2 for
info. OK, I lied, it's bone marrow they need, not blood... but it's given
thru a 'SYRINGE'..."Painless"! I'm a registered donor since 1990...Just
DO IT!
****

1369. For Sale: Bearcat 8500XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-29 16:21:30 UTC
From: harvey@america.com
Message-ID: <3ggfaa$qi4@enterprise.america.com>
Source record: 262138

Like new Bearcat 8500XLT. Latest factory modifications. Please make an offer.

Am a police officer and County is going to 800 trunked, and I get my own personal unit.

Thanks

Harvey

1370. Re: Need FCC service codes gi gs su yi sy su

Newsgroup: rec.radio.scanner
Date: 1995-01-29 16:24:25 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3ggffp$1va@nntp.crl.com>
Source record: 262139

> I need the definitions of the following FCC service allocation codes:
> GI GS GU YI YS YU
>
> Is there a good up to date service code list anywhere? I looked around
> on ftp.fcc.gov but didn't find anything useful there.
> --
> dan@halcyon.com (now using tia+SLIP)
> Dan & Amy Lawrence
> Seattle, WA USA
>

Your answer is this URL if you are a web information user.

ftp://ftp.crl.com/users/ro/vhealey/www/radio_se.html
or go in thru url for related files

ftp://ftp.crl.com/users/ro/vhealey/www/andmore.html

sk
de
Vic Healey Ki4je

1371. Viewing AR8000 HTML pages

Newsgroup: rec.radio.scanner
Date: 1995-01-29 18:11:19 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3gglo7$3no@nntp.crl.com>
Source record: 262140
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Possibly you saw this weeks issue of PC Mag.
The whole issue revolves around paperless information
publishing. I choosee the www to publish information
I collected on the AR8000 hf/vhf/ scanner receiver thru
the url
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

I recomend Netscape for the web browser as its current
version is light years ahead of the rest and its free!

Available for all popular desktop environments, Netscape is a powerful commercial
navigator for the Internet, offering
point-and-click network navigation. It is optimized to run smoothly over 14.4
kilobit/second modems as well as higher
bandwidth lines, delivering performance at least ten times that of other network browsers.
Netscape provides a common
feature set and graphical user interface across computers running the Microsoft Windows,
Macintosh, or X Window System
operating environments.

Netscape Communications' network navigator achieves its dramatic performance improvements
through new capabilities
such as:

Continuous document streaming, enabling users to interact with documents while they are
still being downloaded
rather than waiting for the entire document to load.
Multiple, simultaneous network accesses, allowing several documents or images to be
downloaded simultaneously.
Native support for the JPEG image format.

Netscape, available for Microsoft Windows, Apple
Macintosh, and X Window System environments,
can be obtained via anonymous FTP from
ftp.mcom.com. Users of other network browsers
can FTP the software from ftp.mcom.com.

Customers who download the software do so for
personal use only. Commercial users can purchase
supported, licensed copies of Netscape directly
from Netscape Communications. Pricing starts at
$99 per user, which includes a 90-day warranty and
customer support.

Suppose you are running a PC without full internet access?

The solution is to ftp to my site ftp.crl.com/users/ro/vhealey/www/
and download all files exactly as they are listed except the last
portion can be .htm instead of the .html which is unacceptable
in old dos /win on a pc.

Get a copy of netscape via ftp also. Get a null winsock via anon ftp
also so you can run Netscape offline or else get tcpman and don't try
to connect to anything, just run the program and then launch netcape.
From file menu select open file <ctrl. o>. Locate the directory
you stored all your downloads from my homepage. Click on any file
that ends in htm and you can see it as well as any embedded graphics.

You can follow any url as long as it pointed to something at my site.
After you see what you could find all over the world using a true web
browser via a slip or ppp connection is you are calling via dialup,
you may want to look into getting your own full connection or
look into tia a neat way to beat the pricing of slip /ppp.

Others have www pages far nicer then mine. But I do this as a
hpbby related pastime.

The ar8000 homepage is updated at least once a week. Actually the files
pointed to by ar8000.html and andmore.html are updated weekly.
The ar8000.homepage.html merely points to these later two choices
and allows faster loading of shorter pages.

I hope you look into html as way to publish info for others,
it is easy to use. Just view the code of some of my recent pages
using a text editor. The older ones are rather confusing as I was
confused myself as to what was required. <grin>

73's de Ki4je

Vitor Healey

mailto:vhealey@crl.com

1372. Two way listerning

Newsgroup: rec.radio.scanner
Date: 1995-01-29 18:46:47 UTC
From: stuart@snmere.demon.co.uk
Message-ID: <791405207snz@snmere.demon.co.uk>
Source record: 262141

Hello,

I have a scanner and live in Stockport, Cheshire.

I get taxi's but only the base. Dose anybody know of any mobile freq's
please.

Email: stuart@snmere.demon.co.uk

THANKS
STUART
--
stuart n meredith

1373. BC142XL Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-29 19:53:12 UTC
From: studebkr@gonix.com
Message-ID: <studebkr.791409192@gonix>
Source record: 262143

I am looking for MODs for a newer BC142XL base scanner. It has
a Uniden 1116 chip, and I am thinking that it might possibly be
modifiable to 16 channels from 10. This is the same chip that
My brothers 16 channel scanner uses.

Also would like to find magazine on scanning/monitoring...

thnx!
Mike Miller

1374. Re: Need FCC service codes gi gs su yi sy su

Newsgroup: rec.radio.scanner
Date: 1995-01-29 20:50:25 UTC
From: mulligan@ACM.ORG
Message-ID: <3ggv2h$964@hopper.acm.org>
Source record: 262142

```
TRUNKED SYSTEMS - 800/900 MHz
YI Industrial / Land Transportation - 900 MHz
YS Commercial (SMRS) - 900 MHz
YU Business - 900 MHz

CONVENTIONAL SYSTEMS - 800/900 MHz
GI Industrial / Land Transportation - 900 MHz
GS Private carrier paging - 900 MHz
GU Business - 900 MHz

INDUSTRIAL
IV FILM AND VIDEO PRODUCTION (?)

PUBLIC SAFETY
PM EMERGENCY MEDICAL (?)
/* barry /&
```

1375. Aspen,CO Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-01-29 22:42:31 UTC
From: jimfun@aol.com
Message-ID: <3gh5kn$hnu@newsbf02.news.aol.com>
Source record: 262144

Currently in Aspen for a few days can anyone help me with area frequencies?

I've confirmed a few 155.250 & 155.535 PD, 155.730 State Patrol, 463.075/468.075 EMS (Aspen Valley Hosp), 155.160 Search & Rescue, 154.385 Snowmass EMS/FD, 461.050 Snowmass Resort, 151.775 & 461.875 & 461.950 & 462.125 Aspen Ski Corp, 462.575 & 462.675 & 462.725 Aspen & Snowmass Ski areas.

But there have to be lots more??

Thanks Jim<<

1376. Re: Foreign Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-30 00:00:39 UTC
From: ax446@FreeNet.Carleton.CA
Message-ID: <D36yp3.4y9@freenet.carleton.ca>
Source record: 262146

In a previous posting, "Hugo Cornwall" (hcorn@cix.compulink.co.uk) writes:
> UK cordless phones will work in the USA, provided you aren't concerned
> about local regulations and you take some precautions:
>
> snip...

Hi there...

Also, if you happen to live in the styx and they still use rotary dials
for dialling (don't laugh, my sister still does... touch tone doesn't work),
european phones use a different make/break ratio on the dialling pulses.

--
Dan Hilliker - Engineers rule the World -
ax446@freenet.carleton.ca Per Ardua Ad Astra

<my opinions only, not my employer's>

1377. Houston, TX freqs needed ?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 00:21:10 UTC
From: jbrooker@ic.net
Message-ID: <3ghbdm$qjs@condor.ic.net>
Source record: 262159

Anyone have a list of popular Houston area frequencies? I have the FCC database, but there are well over 10,000 frequencies and my AR8000 won't hold that many <g>.

Thanks in advance.

1378. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-01-30 00:37:07 UTC
From: bear@tigger.cs.colorado.edu
Message-ID: <3ghcbj$npb@csnews.cs.Colorado.EDU>
Source record: 262147
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <3gcica$1q2@sumter.awod.com>,
Glenn Little <glittle@sumter.awod.com> wrote:
>
>The VEs here do not even randomize the answers to the questions.

I should hope not.

Arrogance, thy name is "ham".

--
Bear Giles
bear@cs.colorado.edu/fsl.noaa.gov

1379. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-01-30 00:48:48 UTC
From: decastro@netcom.com
Message-ID: <decastroD370xC.KCw@netcom.com>
Source record: 262148
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

barry@perth.DIALix.oz.au (Barry O'Grady) writes:

>: (bunch of stuff deleted)
>
>Actually should be 2-metre

Only for you Pomes that can't spell <g>.

--
==========
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP MA Do Not try this yourself - it could get ugly......
Richard A. De Castro - As long as the Government pretends to protect me,
I'll pretend to feel safe - NOT!
-Don't Tread On Me!-
==========

1380. Re: Color street map showing transmitter

Newsgroup: rec.radio.scanner
Date: 1995-01-30 02:28:45 UTC
From: cremer@delphi.com
Message-ID: <9501292128591.DLITE.cremer@delphi.com>
Source record: 262150
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

I must say that Bob's Radiomaps (tm) are allright. I didn't think he could produce anything usefull for my signal dense neighborhood, but he delivered quite a few freqs I was looking for. Mind you, the page and a half listing of freqs at Motorola headquarters is a bit over the top. On the whole, I'm quite pleased with Bob's product and reccommend it to anyone.

1381. Re: EUREKA!! New PRO-51 successfully modified to r

Newsgroup: rec.radio.scanner
Date: 1995-01-30 02:53:31 UTC
From: wchsnews@aol.com
Message-ID: <3ghkbb$k8g@newsbf02.news.aol.com>
Source record: 262151

Mods for the '50 would be nice, also. How did you come to discover the
'51 mod?

Wayne V.H. Lorentz
MetroNews Networks - Charleston bureau

1382. Re: Using GATT to repeal ECPA?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 03:07:01 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.96.01AE4A04@dpm3.seanet.com>
Source record: 262152

In article <sBzKvA+LBh107h@tbd.oau.org> tim@tbd.oau.org (Tim Dobbins) writes:
>From: tim@tbd.oau.org (Tim Dobbins)
>Subject: Using GATT to repeal ECPA?
>Keywords: Monitoring Times, ECPA, Bob Grove, FCC sucks
>Date: Sun, 29 Jan 95 01:06:36 -0500

>Now I KNOW representatives from the FCC read this group
>because one of them was stupid enough to call a friend of mine,
>posing as an interested hobbyist of course, wanting details
>of where to import full coverage receivers, where to get
>blocked scanners modified, would he modify them, etc. after
>he posted several comments in this group telling everyone
>to IGNORE the law. Yeah, bozo, you don't think he didn't
>see right past your interests when you wanted the full
>details on so many things? My question is are there any
>experts on trade policy and GATT that would care to comment
>on the letter that appears in MT?

>It's refreshing to see that the Bob Grove of old has returned.
>In several issues of MT last year he appeared to be selling
>out to the FCC with his less than accurate statements regarding
>the importation of full coverage receivers. Now his ads for
>the PRO-2006 no longer state the only way to buy a full coverage
>scanner is to purchase one "from stock imported BEFORE April
>26, 1994." His self-serving paranoia regarding monitoring is
>no longer there as evidenced by the latest "Closing Comments"
>column, page 120, February 1995 issue MT, "So what are the
>practical consequences [to the amending of ECPA '86 to include
>cordless telephone monitoring]? None. Consumers will go on
>using their cordless phones with reckless abandon, and scanner
>listeners who are so inclined will keep on intercepting their
>calls, just as they have for some twenty years."

>Welcome back to reality, Bob! I told you and everyone else that
>back when the pages of MT were filled with so much crap regarding
>the monitoring of cellular one wanted to reach for a bottle of
>Pepto. Nice to discover you listen to more than just radios every
>once in a while.

>Let's face it. Unless you've been locked up in a federal prison
>somewhere for the past year for monitoring a local politician
>as he spoke on his cell-phone about ways to steal your money, you
>KNOW where to get full coverage receivers. If you DON'T then
>you probably don't have the mental capacity to operate a scanner
>anyway.

>Does the latest change to the ECPA of '86 mean that Aunt Martha
>is a criminal because she picks up her neighbor's cordless phone
>conversations on her dental work?

>| SAVE THE UNITED STATES OF AMERICA: IMPEACH CLINTON!!!! |
>| Barney Frank *IS* a fag!! |
>--

Tim - buddy,

We've been correspondants via GEnie and the net for a few years now and
you know I don't agree with EVERYTHING you say; but I do mean well. Grab the
reins, pardner! It is only a hobby... only a hobby ... only a hobby.

==
Dan Morisseau, N7ZXL Auburn, WA 47.17'16"N 122.11'40"W Elev. 300'
GEnie:D.Morisseau Internet:dpm3@dpm3.seanet.com (pref) OR dpm3@prostar.com
"He has read everything and, to his credit, written nothing." - A J Raffles
==

1383. QUEENSLAND AUSTRALIA POLICE FREQS??

Newsgroup: rec.radio.scanner
Date: 1995-01-30 03:50:35 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3ghnmb$jk1$1@adelaide.DIALix.oz.au>
Source record: 262153
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone help me with what UHF channel numbers QUEENSLAND POLICE (VKR)
use for the following areas:

- COOLANGATTA

- BROADBEACH

- SURFERS PARADISE

- SOUTHPORT

- BEENLEIGH

- HINTERLAND

- FROM BEENLEIGH THROUGH TO BRISBANE CITY

- ALSO WHAT UHF CHANNEL NUMBERS ARE FOR THESE AREAS OF BRISBANE METRO AREA:

NORTH BRISBANE METRO AREA
EAST BRISBANE METRO AREA
SOUTH BRISBANE METRO AREA
WEST BRISBANE METRO AREA
BRISBANE CITY AREA

MANY THANKS!!!!!!!

Please EMAIL me.......

matthew@adelaide.DIALix.oz.au

1384. GUIDE TO AOR 1000 book

Newsgroup: rec.radio.scanner
Date: 1995-01-30 03:57:39 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3gho3j$k0g$1@adelaide.DIALix.oz.au>
Source record: 262154
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone know where I can get the book "GUIDE TO AOR 1000 SCANNER"

in AUSTRALIA?
^^^^^^^^^
^^^^^^^^^

Many thanks
matthew@adelaide.dialix.oz.au

PLEASE E M A I L ME!!

1385. Re: Modifiable PRO-43 4Sale. New and in box.

Newsgroup: rec.radio.scanner
Date: 1995-01-30 04:36:11 UTC
From: bpine@tuba.aix.calpoly.edu
Message-ID: <1995Jan30.043611.121818@zeus.aix.calpoly.edu>
Source record: 262157

Dale Gadd (dalegadd@aol.com) wrote:
: I have eight PRO-43's remaining, new with manuals and in original boxes --
: all manufactured in 1993 before the CPU block was implemented. All have
: FCC ID numbers without the trailing A and all have production codes that
: end in A3 (5A3, for example).

I am just getting into reading about scanners, and am worried about getting one with restrictions and limitations imposed by the government. Could someone point out what recent restrictions and limitations have been imposed? What is the CPU block that Dale is referring to?

When an ad says a scanner is a "100 channel" what does this mean in terms of frequency coverage? A rundown of the frequency ranges would be helpful.

I would like to get a quality handheld that has a very wide frequency coverage. What are the general brand names available and their approximate performance? Which models don't have the "limitations"?

Thanks for helping out a newbie.

-Brian

1386. Pro2005/Pro2006

Newsgroup: rec.radio.scanner
Date: 1995-01-30 04:43:28 UTC
From: empire@texas.net
Message-ID: <3ghqpg$hth@empire.texas.net>
Source record: 262155

I am shopping around for a scanner that I can manipulate with my PC. The software/interface is availble for the RS PRO2005 or the 2006. What are the differences in the two radios?

1387. Re: Cell phone antenna for scanner?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 04:48:54 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.791441334.377401575.gjacek@yvr.cyberstore.ca>
Source record: 262172

I use a Radio Shack magnetic mount cellular antenna
plus the appropriate adapter to match my Pro43. It
picks up cell really well.

I even used it in the house until I got a decent
outdoor setup.

Go for it.

brian.morgan@sdrc.com writes:

<snip>

Ooops! Used the economy-sized scissors here. :-(

1388. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-30 05:13:15 UTC
From: robert@eden.com
Message-ID: <3ghshb$6ss@boris.eden.com>
Source record: 262168

I can't believe the Radio Shack counter is sooo cheap compared to the others..

1389. Re: Microfishe

Newsgroup: rec.radio.scanner
Date: 1995-01-30 05:15:07 UTC
From: robert@eden.com
Message-ID: <3ghskr$6ss@boris.eden.com>
Source record: 262169

Does anyone have their number?

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <3g876f$gde@boris.eden.com> robert@eden.com (Robert Barker) writes:

: >I need to order a new set of "by state" fishe for TEXAS. Last one that I
: >ordered was from Bearcat Radio Club, PO Box 291918, Kettering, OH 45429
: >Does anyone know how much it is? and do they have a phone number and what
: >the current date of the microfiche is that they are distributing.

: In the past they have charged $15 per state. I think they get yearly updates.
: You will want to verify that they have 1995 data before ordering.

: Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
: Intel Corp.
: American Fork, UT DoD#1461

1390. Re: Foreign Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-01-30 05:17:09 UTC
From: robert@eden.com
Message-ID: <3ghsol$6ss@boris.eden.com>
Source record: 262156

my question is WOULD IT WORK?

I realize that anything that is not from the US would not be legal.
but world it work.. HF or whatever..

1391. Re: PRO-51 Perm. Hardware MOD'S?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 05:25:54 UTC
From: scav@industry.org
Message-ID: <30818HHGXEDMDKFVUYN@industry.org>
Source record: 262158

Is it the same for the 25..? i got a friend who is thinking on buying
one..?

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

1392. SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-01-30 05:34:40 UTC
From: reza@aol.com
Message-ID: <3ghtpg$mp6@newsbf02.news.aol.com>
Source record: 262160

I have a couple of questons about SCA broadcasts that I would appreciate if anyone could clarify.

1. What is the typical/max bandwidth of an SCA broadcast. I want to know how good a quality sound can you expect from an SCA broadcast. I seem to recall seeing an SCA kit in one of the electronics magazines with stereo output. Is that possible?

2. Do FM stations ususally broadcast only one SCA program? I.e. is it possible/normal for a station to send a program at 67KHz and another one, say at 92KHz?

Thanks.

1393. California AM/FM Broadcast Listings on Internet?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 05:38:23 UTC
From: reza@aol.com
Message-ID: <3ghu0f$mqn@newsbf02.news.aol.com>
Source record: 262161

I know this might sound boring to scanner fans but can anyone point me to a source for the lisitng of commercial AM/FM radio stations in Southern California. I would appreciate any online source such as a bbs but I'd hate to pay $30 for book on Am stations and $19 for another on FM stations just to get this list.
Thanks in advance.

1394. Re: Pro2005/Pro2006

Newsgroup: rec.radio.scanner
Date: 1995-01-30 05:58:49 UTC
From: droy@netcom.com
Message-ID: <droyD37FA1.4I9@netcom.com>
Source record: 262162

Charles G (empire@texas.net) wrote:
: I am shopping around for a scanner that I can manipulate with my PC. The
: software/interface is availble for the RS PRO2005 or the 2006. What are the
: differences in the two radios?

The 2005 CAT. NO.20-144 has a high/low switch for the display.
Scanning rate 16/8 channels per sec.

The 2006 CAT. NO.20-145 has the same high/low switch arrangement and the
scanning rate is 25/13 channels per sec. "HYPERSCAN"

The 2006 CAT. NO.20-145-A was the last version and it has only on and
off switch for the display light.
Scanning rate is the same as above 25/13. "HYPERSCAN"

all 3 models are cell modifable and there is a way to speed up the
scan rate also. All info I quote is off the boxes from the scanners.

The opto456 add on board ups the scanrate to aprox. 50 channels per sec
but that seems to be dependent on software.

Dave..
--
One of the most striking differences between a cat
and a lie is that a cat has only nine lives

-mark twain (1835-1910)
Pudd'nhead Wisdom, 1894

Please Send Money To:
Dave Roy
100 Harbor Blvd
Space # 16
Belmont, CA 94002-4049

1395. Re: Two way radio

Newsgroup: rec.radio.scanner
Date: 1995-01-30 06:10:55 UTC
From: droy@netcom.com
Message-ID: <droyD37Fu7.6JC@netcom.com>
Source record: 262163

stuart n meredith (stuart@snmere.demon.co.uk) wrote:
: Hello

: I live in Stockport near Manchester and have a Scanner.

: I listen to taxi's and I seem to get just the base radio. Has anybody found
: the taxi driver's mobile radio?

: Email stuart@snmere.demon.co.uk

: Thanks
: STUART
: --
: stuart n meredith

It would help if you said where you listen VHF ? UHF ?

if vhf 152.??? look around 157.470-158.700

if uhf 451.700-452.175 look around up about 5 mgs 456-457 MHz

Dave..
--
One of the most striking differences between a cat
and a lie is that a cat has only nine lives

-mark twain (1835-1910)
Pudd'nhead Wisdom, 1894

Please Send Money To:
Dave Roy
100 Harbor Blvd
Space # 16
Belmont, CA 94002-4049

1396. Re: Cellular channel/Frequency chart as asked for

Newsgroup: rec.radio.scanner
Date: 1995-01-30 06:16:15 UTC
From: gtolar@blkbox.com
Message-ID: <3gi07f$ke3@news.blkbox.com>
Source record: 262164
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have the cellular channel frequency list newer then this?
The previously posted and all others I've seen are the 666 channel system.
Cellular has had 833 channels for some time now.

1397. Re: RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-01-30 06:21:46 UTC
From: scav@industry.org
Message-ID: <031366KPSKSXBLPUOWRS@industry.org>
Source record: 262166

IA>Radio Shack won't let me use their bathroom! I really had to pee today,
IA>went in to a Radio Shack(the only place in sight), and they refused to let
IA>me use their bathroom! Isn't their a law that says that all public places
IA>have to have a bathroom available for use to thier customers?

IA>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
IA>:::::::::AdaMatt@aol.com:::::::::
IA>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Sorry Dude, Radio Shacks Dont Have to let The public use Their Rest
ROoms, In fact Resurants can even refuse, althhough if they claim it is
a public Bathroom It has to meet code,

All This And even more useless tidbits...

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

1398. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1995-01-30 06:21:47 UTC
From: scav@industry.org
Message-ID: <031365PMDKNPVDTNQRWQ@industry.org>
Source record: 262167

Long enough!...heheh

--
Origin: (I)ndustry BBS -----> New Baltimore, MI (810)/949-0109 16 Lines

1399. Possible computer interface for the BC890 ?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 06:31:10 UTC
From: Bob Armstrong <rla@rahul.net>
Message-ID: <3gi13e$90g@hustle.rahul.net>
Source record: 262165
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have noticed that on the schematic for the Bearcat 890XLT there are two pins on the CPU labelled "RXD" and "TXD". These signals are brought out to a 3 pin header on the control PCB. Makes me wonder if Uniden intended them as a computer interface - does anybody know for sure ?

Thanks,

--
Bob Armstrong <rla@rahul.net>

1400. AR8000 Cable

Newsgroup: rec.radio.scanner
Date: 1995-01-30 06:58:19 UTC
From: <>
Message-ID: <Reid.G-2901952358190001@17.127.10.176>
Source record: 262002

Hey does anybody have a diagram for the AR8000/Computer Interface ? Please post or email.

Greg

--
the RotnApple

1401. Help on Bearcat Repair Center(s)

Newsgroup: rec.radio.scanner
Date: 1995-01-30 07:09:26 UTC
From: dra@pipeline.com
Message-ID: <3gi3b6$n51@pipe2.pipeline.com>
Source record: 262170

In rec.radio.scanner scotwitt@interaccess.com (Scot Witt) said:

>A few months ago, someone posted a listing of Uniden/Bearcat repair
>facilities.
>
>I need the name and address of the one in Franklin Park, IL
>
>Could someone repost it for me, please?

ELECTRONIC REPAIR CENTERS - FRANKLIN PARK, IL -
(708)455-5105
--
David R. Alpert, KB2LUM

1402. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-30 07:09:43 UTC
From: dra@pipeline.com
Message-ID: <3gi3bn$n6j@pipe2.pipeline.com>
Source record: 262171

In rec.radio.scanner romulus@escape.com (romulus) said:

, if anyone has the
>freq's for the TV, Newspaper and radio Media in NYC, please post them
here. I
>would love to pick up an unusual crime on a police freq's and then here
the
>News crew at work to report it for the Evening News.

NYC being the "media capiral" that is is, the freqs are numerous...
but thi'll get you started:

450.050 WCBS-TV newsdesk
455.050 WABC-TV newsdesk
161.670 WNBC-TV newsdesk
450.1875 WNYW-TV newsdesk
450.4875 WWOR-TV newsdesk
450.0875, 455.700 WCBS radio chopper
450.8125 Metro Traffic
452.975, 455.5625 Shadow Traffic

--
David R. Alpert, KB2LUM
ABC News

1403. Cordless Phone encryp?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 08:04:00 UTC
From: rick.curtis@lightspeed.com
Message-ID: <8629.2161.uupcb@lightspeed.com>
Source record: 262173

RS> are squeaky in a high pitch. Does anyone know what will cause this
RS> and what brand of cordless phones do this? I know its not the
RS> distant,

Motorola cordless do this. Got one and a scanner.
* RM 1.3 00139 * What's your teenage son doing right now? Nevermind, I know!

1404. looking for oki 900

Newsgroup: rec.radio.scanner
Date: 1995-01-30 08:10:11 UTC
From: v078l3eg@ubvms.cc.buffalo.edu
Message-ID: <D37LD0.3Ln@acsu.buffalo.edu>
Source record: 262174

Does anyone know of a commercial, cheap source for the oki 900, or its replacement? I am not interested in anything but a new one.

Thanks !

1405. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-30 08:26:47 UTC
From: mike@dino.eng.monash.edu.au
Message-ID: <3gi7s7$o29@harbinger.cc.monash.edu.au>
Source record: 262025
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

Hi ..

Erik Wahlstrom (erikw@bat.engr.sgi.com) wrote:
: So I recently picked up a used AR1000XLT that i found in the paper. After some
: stomping of feet, pulling of hair, and cursing the human factors group at AOR,
: i think i am finally getting the hang of the, so called "User Interface".
: Being a Hardware guy i couldn't resist the opportunity to take it apart
: and have a look. Not to many surprises really, except one, the scanner is
: controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
: by NEC with an 8kB external ROM. So i am wondering if anyone has been
: successful at interfaceing to it. It sure wound be allot simpler to program
: those 1000 channels using my computer. Any takers?

If you can get the data/spec sheet for the cpu then I can try and make
an interface. I've tried without success to get one.

Mike

1406. Re: Can someone re-post ftp/www sites list

Newsgroup: rec.radio.scanner
Date: 1995-01-30 10:40:38 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.109.000AADBB@ccm.hf.intel.com>
Source record: 262042

In article <D32tJH.41r@freenet.carleton.ca> ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:

>Can someone please repost a list of scanner related www and ftp sites.

>thanks

Radio Resources on the Internet (URL format)

Updated: Jan. 30 1995
Please send updates and corrections to:
brett_miller@ccm.ut.intel.com

World Wide Web (URLS)
---
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.mit.edu:8001/activities/wmbr/otherstations.html - Radio stns on Internet
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggings
http://www.demon.co.uk/javiation
http://usis.com/~odium/ - scanner stuff, hacking, etc.
http://ripco.com:8080/~glr/glr.html - Glen Roberts Full Disclosure
http://www.analysys.co.uk/commslib.html - many links to comms & telecomms sites
http://shrine.cyber.ad.jp/~jwt/hamradio.html - Nice Ham page, USA, Canada, Japan

FTP (URLS)
---
ftp://ftp.cdrom.com /pub/hamradio/
ftp://oak.oakland.edu /pub/hamradio

ftp://ham.eetech.mcgill.ca /pub/ham-radio
ftp://bubba.business.uwo.ca /mods
ftp://garfield.catt.ncsu.edu /pub/hamradio
ftp://ftp.sunet.se /pub/radio
ftp://ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
ftp://mgate.arrl.org ARRL FTP site
ftp://ftp.cs.buffalo.edu /pub/ham-radio
ftp://ucsd.edu /hamradio
ftp://unbc.edu /ampr
ftp://tandem.com /hamradio
ftp://nic.funet.fi /pub/ham and /pub/dx
ftp://ftp.demon.co.uk /pub/ham/mac - MAC stuff
ftp://grivel.une.edu.au /ham-radio
ftp://rtfm.mit.edu /pub/usenet/news.answers/ham-radio - Radio FAQs
ftp://ftp.qrz.com /qrz - QRZ CD-ROM files (no callsign database)
ftp://archive.afit.af.mil /pub/space/amateur.tle - Keplerian Elements
ftp://ftp.crl.com /user/ro/vhealey/www (use WWW viewer for HTML docs)
ftp://scitsc..wlv.ac.uk /pub/hamradio - UK ham radio stuff, buffalo mirror
ftp://ftp.iea.com /pub/borg/hdn - Ham Distribution Network site
ftp://wb3ffv1.sed.csc.com /ham

E-Mail servers (URLS)
---
mailto:ftpmail@exchange.tlh.fl.us - get INDEX.TXT
mailto:qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
mailto:callbook@n8emr.cmhnet.org - Callsign server
mailto:wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mailto:mail-server@rtfm.mit.edu - put help in the message body
mailto:rccons!fileserv@telerama.lm.com - All Ohio scanner club.type: GET AOSCINFO.ZIP

Gopher (URLS)
---
gopher://gopher.switch.ch /11/misc/faq/faq-dir FAQs
gopher://hamster.business.uwo.ca (129.100.89.100)
gopher://gopher.cic.net /11/e-serials/general/radio
gopher://scitsc.wlv.ac.uk /11/pub/hamradio
gopher://yfn.ysu.edu /11/public/sigs/ham
gopher://gopher.fcc.gov

USENET (URLS)
---
news:alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
news:alt.cellular - (I've never seen any cellular related traffic yet)
news:alt.radio.pirate - Pirate radio station topics
news:rec.antiques.radio+phono - Antique radio & phono topics
news:rec.radio.amateur.antenna - Antenna related topics
news:rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
news:rec.radio.amateur.misc - Main newsgroup for Ham radio topics
news:rec.radio.amateur.digital.misc - Digital communications (including Packet)
news:rec.radio.amateur.homebrew - Make your own radio equipment
news:rec.radio.amateur.packet - (not used any more?)

news:rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
news:rec.radio.amateur.space - Ham radio & space communications
news:rec.radio.broadcasting - AM & FM broadcasting
news:rec.radio.scanner - Monitoring above 30 MHz
news:rec.radio.shortwave - Monitoring below 30 MHz
news:rec.radio.swap - radio related sales & swap topics
news:rec.radio.cb - Citizens Band Radio topics
news:rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)
news:phil.scanner - Scanner topics in the Philadelphia, PA area.

MAILING LISTS
---
rccons!rec@telerama.lm.com -Western Pennsylvania scanner mailing list

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1407. Re: Seeking Ca. EDIS freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-30 11:01:23 UTC
From: mpage@netcom.com
Message-ID: <mpageD37tAB.KF7@netcom.com>
Source record: 262031

Ken Navarre (kjn@netcom.com) wrote:
: Anyone here in California have a listing for the frequencies used to
: broadcast the ASCII EDIS bulletins in the metropolitan areas?

I believe we are receiving EDIS on 39.32 or 39.36, but realize that it is a packet system you you have to have a TNC between your radio and either a printer or computer to receive the information. In northern California it is a different frequency.
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

1408. XLT200 mod for audio bost?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 13:13:01 UTC
From: cruble@ix.netcom.com
Message-ID: <3giokt$lnf@ixnews3.ix.netcom.com>
Source record: 262032

I am seeking info on mod to boost audio output. Volume levels are to
low for dual headset operation at race track. I have purchased a 1 watt
amp kit and was planning on incorporating it into the headset but heard
of scanner mod to do the same. Anyone heard of and or know if info
location?
Chuck

1409. Opto Scout Opinions

Newsgroup: rec.radio.scanner
Date: 1995-01-30 13:39:52 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3giq78$3ui@post.its.mcw.edu>
Source record: 262033

I have been thinking about getting a Scout. Looking for opinions on this unit. Anything else I should consider?

--

Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
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1410. RS PRO-2027 MODS?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 14:32:36 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <3gita4$r6s@ef2007.efhd.ford.com>
Source record: 262034

Hello all:

I just got a Pro2027 unit, 100 ch base double-conversion unit. Anyone know if this is modifiable for full 800Mhz? Its got an "2A4" sticker on it. I checked oak.oakland.edu and nothings there for this model.

Any info would be appreciated.
Thanks

Tim

1411. Re: What are those new LAPD

Newsgroup: rec.radio.scanner
Date: 1995-01-30 15:47:39 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3gj1mr$l7o$1@mhadg.production.compuserve.com>
Source record: 262035

Laura,
The best I can determine these are Motorola Astro's. They are capable of analog and digital comm. Heard the project had hit some snags but Motorola still produces them.

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

1412. PRO-51 for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-30 16:00:15 UTC
From: mpalmer@encore.com
Message-ID: <D3874H.L2s@encore.com>
Source record: 262036

Pristine condition - includes case, nicads & charger. Keyboard mod
works fine. $230.

1413. Re: Two way radio

Newsgroup: rec.radio.scanner
Date: 1995-01-30 17:01:09 UTC
From: mulligan@ACM.ORG
Message-ID: <3gj60l$ciq@hopper.acm.org>
Source record: 262037

droy@netcom.com (Dave Roy) wrote:
> It would help if you said where you listen VHF ? UHF ?

He said that he listens near Manchester, U.K. <g>

(the US taxi freqs are 152.270-152.465 / 157.530-157.725
and 452.050-452.500 / 457.050-457.500)

/* barry /&

1414. Wanted: Hawaii

Newsgroup: rec.radio.scanner
Date: 1995-01-30 17:09:35 UTC
From: ve7jcg@freenet.vancouver.bc.ca
Message-ID: <3gj6gf$kir@freenet.vancouver.bc.ca>
Source record: 262049

I'm looking for basic (police, fire, etc.) freqs. for the Hawaiin (sp?)
islands, particularly Honolulu. Does anyone have any that they could
(preferably) mail to me, as I'm kind of pressed for time. Either
address below would suit.
Also, is there any problem in scanner use in Hawaii?

Regards,
Rod Templeton

--
Rod Templeton, VE7JCG | Ever think it might be the USER
ve7jcg@vanbc.wimsey.com | that needs debugging?
ve7jcg@freenet.vancouver.bc.ca |

1415. Scanner interference

Newsgroup: rec.radio.scanner
Date: 1995-01-30 17:32:32 UTC
From: dame@eve.adam.com.au
Message-ID: <3gj7rg$7fu@eve.adam.com.au>
Source record: 262038

I've got a Pro 39 handheld scanner which is taken with me in my car. I have a external aerial on the car but I pick up lots of interference when I turn my car over. Is there an easy cheap way of getting around this? It's crystal clear before I start my car, and the interference isn't always as bad each time.

Any ideas?

Damian

1416. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-01-30 18:00:57 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.110.00120493@ccm.hf.intel.com>
Source record: 261992

In article <3g72r8$4dm@newsbf02.news.aol.com> wchsnews@aol.com (WCHSNews) writes:

>>I was under the impression that if you prophet from any information
>gained from listening
>>from a scanner you were in violation of the law. Since the media uses the
>information gained
>>to make a buck are they not in violation?
>>
>>
> I think the problem here is that you don't understand what the scanner
>information is used for. All media use scanners as standard equipment,
>but the information heard on the scanner is almost never repeated (in my
>case) on the air. Information that comes over the scanner is more often
>than not (believe it) imprecise, or entirely incorrect. Reporters use
>what they hear as a tip that something is going on, and contact the
>appropriate agencies to find out the real story.
> There was an extensive thread about this in the Society of Professional
>Journalists listserv not too long ago.

It has been my experience as I commute listening to the scanner and some AM radio station (like KGO). That the scanner information is correct (provided you know what to listen for) while the _very_ delayed reports heard on the radio station are usually quite inaccurate (based on the nuber of incidents I witnessed first hand). I find it strange that the media would trust a spokesperson for an agancy over the collective traffic heard from the scene of the incident.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1417. Phone number for Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1995-01-30 18:02:09 UTC
From: dbak@elm.lle.rochester.edu
Message-ID: <1995Jan30.180209.19873@galileo.cc.rochester.edu>
Source record: 262039

I am trieng to get ahold of a service manual for my BC200xlt.
Does anyons have a phone # so I can call them. I have their
snale male address but I'm in a hurry.

Doug

1418. Bearcat scanning error

Newsgroup: rec.radio.scanner
Date: 1995-01-30 18:04:34 UTC
From: atfnut@indirect.com
Message-ID: <D38Cvn.FpL@indirect.com>
Source record: 262040

Would anyone know why I get an error while scanning wireless mike frequencies at 174.000 to 210.000, and what can be done to repair this. I'ts a bearcat 2000 series. Also, is wireless frequency the bug frequency. Any help is greatly appreciated.

1419. AR8000 power adapter w/alkaline cells?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 18:12:41 UTC
From: eskin@btree.brooktree.com
Message-ID: <3gja6p$nuh@btree.brooktree.com>
Source record: 262045

It's not clear to me that it's OK to use the AC adapter on the AR8000
when alkaline cells are installed in the unit... Can anyone verify this?

Thanks,

Michael

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

1420. 150 to 153mhz help needed

Newsgroup: rec.radio.scanner
Date: 1995-01-30 18:19:21 UTC
From: P22407@email.mot.com
Message-ID: <1995Jan30.185452.28937@schbbs.mot.com>
Source record: 262041
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I am new to this, but I am wearing my asbestos boxer shorts, so flame away if you feel the need.

My brother has started racing SCORE off-road (Baja 1000, etc.), and I have offered to run chase & logisics support for him. The radio he has in his racecar has 10 channels in the ~ 150 to 153mhz range for communications with various pits and race officials. The only radio equipment I currently have is a CB in my truck and a Uniden BC200XLT scanner.

First question:
I found out the antenna on my scanner only works when he is within a few miles of me. Other teams use a large antenna mounted on a mast. Could I use a 2 meter antenna and tune it for reception in this range? Or better yet does someone have a good design (I have much more time, tools, and materials than money) for a omni-directional antenna? The connector going into my scanner is a male BNC.

Second question:
Once I have a good antenna, could I use a tubular aluminum pool brush handle for a mast (~20' long)?

Thanks in advance for any help!

Dave

1421. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-30 18:48:32 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <3gjca0$pdp@mark.ucdavis.edu>
Source record: 262043
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

The number for the world scanner report is 619-578-9247
but the IMPORTANT thing to note is the hours for voice and BBS
VOICE: 1:30pm-5:30pm PDT (Weekdays)
BBS: 5:30pm-1:30pm PDT (Weekdays) and 24hrs on weekends

Try between the voice hours for help .... Vol. 4 Num. 8

1422. Speedx World of Utilities, Feb. 1995

Newsgroup: rec.radio.scanner
Date: 1995-01-30 18:58:00 UTC
From: ae411@yfn.ysu.edu
Message-ID: <199501301858.AA13488@yfn.ysu.edu>
Source record: 262044
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

```
======================================================================
===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
========== Vol. 5, No.2 February, 1995 ==========
======================================================================
Edited by Richard Baker
ae411@yfn.ysu.edu

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////////////////////////// UTILITIES \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Ute Logs and Frequency Information
Mike Wolfson, Editor
1842 Mifflin Ave
Ashland, Ohio 44805

AERO

2872 CARGOLUX 774: 0214 10/2 USB (wkg Shanwick w/position rpt) (Clar, NY)
3016 BUFFALO AIRWAYS 210: 0156 10/16 USB (wkg Gander w/clearance readback)
(Clar, NY)
4722 MVU: RAF W Drayton UK 2227 10/29 USB (aero wx) (Moody, Me) (Welcome
to the column Phil-MW)
5526 MAIQUETIA AERADIO: Venezuela 0445 10/29 USB (wkg United 990
w/position rpt) (Navary, Va)
5535 SPEEDBIRD RADIO: UK 0123 USB (wkg BA129 w/ETA for Dhahran) (Orr, Va)
5547 UNITED 189: 0428 10/31 USB (wkg Honolulu w/ops rpt) (Johnson, Il)
5550 TOWER AIR 802: 0649 10/10 USB (wkg NY w/position rpt, SELCAL DKSE,
enroute Miami) (Navary, Va)
5574 AIR CHINA 986: 0151 10/9 USB (wkg SF w/position rpt) (Clar, NY)
5598 EMERY 174: 0043 10/2 USB (wkg Shanwick w/position, SELCAL CFDM)
(Clar, NY)
5616 AMERICAN 42: 0224 11/3 USB (wkg Gander w/position rpt) (Johnson, Il)
5649 OLYMPIC 424: 0343 10/1 USB (wkg Gander, SELCAL DLBE) (Clar, NY)
5680 EDINBURGH RESCUE: RAF Rescue Coordination Center (RCC) Fife Scotland
0632 10/22 USB (wkg mountain rescue helo ALPINE 23 for wx, 0701 wkg
ALPINE 21 for same) (Baker, Oh)
5696 6YX: Jamaican JDF Coast Guard 0450 10/5 USB (clg "CG Miami", 0458 att
to work NMN re prior distressed vsl was towed to port in Jamaica, NMN
cud not hear, att QSY 8984 at 0500. After sev more tries on 5696 6YX
gave up). 6YX good & readable here, rare snag) (Baker, Oh)
```

6586 NEW YORK RADIO: US 2321 10/24 USB (wkg American 3050) (Owsley, Ca)
6604 NEW YORK AERADIO: US 2315 10/24 USB 444 (aero wx) (Owsley, Ca)
6622 GANDER RADIO: Canada 0230 USB (wkg German AF 132 w/amended clearance) (Orr, Va)
6676 SYDNEY AERADIO: Australia 0803 10/3 USB 555 (aero wx) (Owsley, Ca)
6730 AIR FORCE 2: 0125 10/13 USB (wkg Andrews) (Lukas, NY)
6735 SCREWTOP 02: E-2C AWACS 0144 10/2 USB (wkg FOX TANGO, has visual on track 3565 & is a vessel running dark, was unable to re-acquire this track, USN interdiction comms/Link-11 coord net) (Baker, Oh)
6738 OFFUTT AFB: Ne US 0800 10/3 USB 555 (coded tfc) (Owsley, Ca)
6753 TRENTON MILITARY: Ont Canada 2242 10/21 USB (aero wx) (Moody, Me)
8825 HONOLULU RADIO: Hi US 0738 10/3 USB 555 (aero wx) (Owsley, Ca)
8861 ARGENTINA 163: 0103 10/17 USB (wkg Dakar w/position estimate, B747, reg. LV-OEP) (Clar, NY)
8879 PAKISTAN 717: 1309 10/2 USB (wkg Gander w/position rpt) (Clar, NY)
8891 JAPAN AIR 623: 0138 10/2 USB (wkg Iceland w/position rpt) (Clar, NY)
8894 ALGIERS RADIO: Algeria 0227 USB (wkg SA234 w/ARP) (Orr, Va)
8903 LUANDA RADIO: Angola 0245 USB (wkg SR286 w/ARP) (Orr, Va)
8906 VIASA 708: 1940 10/10 USB (wkg NY w/position rpt, SELCAL CKBD) (Clar, NY)
8960 AIR LIFT 974: 1946 10/23 USB (wkg Portishead Radio w/position rpt, SECAL) (Moody, Me)
8967 #59399: 1959 10/23 USB (pp to McCord AFB via McClellan, QSY 11243) (Moody, Me)
10048 DYNASTY 003: 0417 10/19 USB (wkg Honolulu, re ATC clearance to fl 350) (Navary, Va)
10291 VIRGIN 01: 1912 10/28 USB (wkg Portishead w/pp) (Braun, Va)
11217 GOPHER 12: 1410 10/28 USB (wkg MINUTEMAN (ANG Andrews) via MacDill pp w/ETA) (Braun, Va)
11396 NAVY LJ-02: 1914 10/5 USB (wkg NY w/position rpt, request for FL 280) (Navary, Va)
11470 SILVAIR RADIO: 1623 10/24 USB (clg GIANT 051,no joy, wkg BSK 1945 on the grd in Atlanta, wkg BIG A 043 for wx for SBBV ,SBEG) (Navary, Va)
13247 INTIMATE: 1808 10-25 USB (u/id a/c wkg McClellan GHFS after sev QSY's for Pattern 3 conference call, after duel note tones, various commands ck into pp incl STRATCOM, Pacific Command, Atlantic, NIGHTWATCH, others, had hrd of these "war" call tests before, but was 1st I hrd) (Baker, Oh)
13330 AIR INDIA 187: 1741 10/22 USB (wkg NY w/position rpt, SELCAL DEJT, enroute Toronto) (Moody, ME)
13356 AIR JAMAICA 041: 1952 10/10 USB (wkg Jamaica Dispatch, position/status rpt, ETA Baltimore, SELCAL HJAE) (Clar, NY)
15015 HERC 63: USAF 1444 10/10 USB 433 (wkg Wright Patterson AFB w/mission data and ETA) (Wolfson, Oh)
17946 NIPPON CARGO 109: 0022 10/3 USB (wkg Honolulu w/position rpt, destination Narita) (Clar, NY)

CW

500 VCS: Canada Halifax CG Radio 0434 10/11 CW (clg 9HKL4 for QTC) (Navary,VA)

4243.99 RIO RADIO: Brazil 0704 10/30 (Roach, Ca)
4251 PPJ: Juncao Radio Brazil 0707 10/30 (Roach, Ca)
4263.31 ZLO: Irirangi Radio New Zealand 0715 10/30 (Roach, Ca)
4298 PPO: Olinda Radio Brazil 0716 10/30 (Roach, Ca)
5001 4XZ: Haifa Radio Israel 0425 10/12 poor/fair (WWV QRM) (Hardester, NC)
5850.1 OXT: Skamlebaek Denmark 0028 10/13 (marker) (Lukas, NY)
6758 MKL: RAF RADSTA UK 0302 10/17 good (ID, coded tfc, listed 6757) (Hardester, NC)
8004 NO ID: 0503 10/12 fair/good (T 2 6-ID) (Hardester, NC)
8448 A9M: Bahrain Radio 0130 10/20 (marker) (Thompson, NM)
8461 CBA: Antofagasta Radionaval Chile 0535 10/12 poor (marker, bad QRM) (Hardester, NC)
8471 NMN: USCG Portsmouth Va US 0136 10/31 (marker) (Moody, Me)
8474 JYO: Aqaba Radio Jordan 0545 10/12 poor/fair (marker) (Hardester, NC)
8475.5 FUX: Le Port Naval Reunion 0035 10/21 (marker) (Thompson, NM)
8478 VHP: RAN Master Stn Canberra Australia 0610 10/12 (marker, bad QRM from FUF-8478.5) (Hardester, NC)
8497 HLJ: Seoul Radio S Korea 1200 10/22 (marker) (Thompson, NM)
8502 PPL: Belem Radio Brazil 0146 10/31 (marker) (Moody, Me)
8511 XSW2: Taichung Radio Taiwan 1205 10/22 (marker) (Thompson, NM)
8512.8 VHI: RAN Darwin Australia 0935 10/9 fair/good (marker) (Hardester, NC)
8522 FFL4: St Lys Radio France 0153 10/31 (marker) (Moody, Me)
8575 5AT: Tripoli Radio Libya 0040 10/21 (marker) (Thompson, NM)
8584 VPS36: Cape D'Aguilar Radio Hong Kong 1215 10/22 (marker) (Thompson, NM)
8628.5 NOJ: USCG Kodiak Ak US 0115 10/22 (marker) (Thompson, NM)
8638.5 DAM: Norddeich Radio Germany 0050 10/21 (marker) (Thompson, NM)
8652.5 PZN3: Paramaribo Radio Surinam 1210 10/21 (marker) (Thompson, NM)
8670 IAR: Rome Radio Italy 0105 10/21 (marker) (Thompson, NM)
8681 SVI4: Athens Radio Greece 0108 10/21 (marker) (Thompson, NM)
8686 PKF: Makassar Radio Indonesia 1208 10/21 (marker) (Thompson, NM)
8688.5 ZSC: Capetown Radio S Africa 0013 10/22 (marker) (Thompson, NM)
8691 XST: Qingdao Radio China 1205 10/21 (marker) (Thompson, NM)
8698 7TF6: Boufarik Radio Algeria 0010 10/22 (marker) (Thompson, NM)
12781.5 9MG23: Penang Naval Malaysia 1430 10/22 (marker) (Thompson, NM)
12907.5 VHP: Canberra Naval Australia 1440 10/22 (marker) (Thompson, NM)
12966.8 A7D: Doha Radio Qatar 1247 10/22 (marker) (Thompson, NM)
16828.8 WLO: Mobile Radio Al US 1720 10/14 (marker) (Lukas, NY)
16974 SPE: Szczecin Radio Poland 1250 11/2 (marker) (Thompson, NM)
17074.9 FFT84: St Lys Radio France 1430 10/14 (marker) (Lukas, NY)
22446 EAD6: Madrid Radio Spain 1533 10/22 (marker) (Ward, Ca)
22463 JCU: Choshi Radio Japan 0003 10/31 (marker) (Ward, Ca)
22474 VIP: Perth Radio WA Australia 0058 10/19 (marker) (Ward, Ca)
22476 NMO: COMMSTA Honolulu Hi US 0154 10/7 (marker) (Ward, Ca)
22485 VHP: Canberra ACT Australia 0139 10/28 (marker) (Ward, Ca)
22537 FUF: Fort de France Naval Martinique 1526 10/22 (marker) (Ward, Ca)
22544 FUM: Papeete Naval Tahiti Society Is 0149 10/7 (marker, frequency

abandoned sometime between 10/7 and 10/16) (Ward, Ca)
22553.9 KOAT: 0102 10/18 (NO ID, w/"hkmr de koat") (Ward, Ca)
22576.5 JNA: Tokyo Radio Japan 0152 10/28 (marker) (Ward, Ca)
22582.3 KFS: Palo Alto Radio Ca US 1837 10/14 (marker) (Lukas, NY)
22656.5 UFL: Vladivostok Radio Russia 0100 10/19 (marker, tfc list) (Ward, Ca)
22664 FUM: Papeete Naval Tahiti Society Is 1727 10/16 (marker, new frequency started sometime between 10/7 and 10/16) (Ward, Ca)
22669.5 JCS: Choshi Radio Japan 0215 10/28 (marker) (Ward, Ca)
22670.5 PPR: Rio Radio Brazil 0023 10/31 (marker) (Ward, Ca)

MARINE
1890 PCH: Scheveningen Radio Netherlands 0334 10/27 USB (nav warnings, wx) (Navary, VA)
2103.5 CG2959: Canadian Fisheries Patrol Ship Leonard J. Cowley 0404 10/14 USB (wkg CG ship CCGS Sir Wilfred Grenfell, CGJY, re is on scene for SAR & has picked up debris, both ships out of St Johns) (Baker, Oh)
2182 SSHW: Wadi al Arish 0229 10/12 USB (Egyptian-flagged cargo ves wkg USCG Corpus Christie Group wanting to make a R/T call to Md, CG told him "No telephono" repeatedly, till he finally understood they were not a high seas station) (Cope, Tx);
2206 CGQW: Canadian Coast Guard ship Mary Hichens 0718 10/27 USB (wkg Yarmouth CG Radio, VAU (on 2582) w/SAR exercise msg tfc to USCG Grp Woods Hole) (Baker, Oh)
3230 NO ID: 0340 10/17 USB (partial ID: RED....) (Hardester, NC)
3253 NODH: USCGC Bittersweet (WLB-389) 0235 10/14 USB (wkg Group Woods Hole re HFDL freq, 1st Dist freq) (Baker, Oh)
4071 LN7491: Skipper'N 0951 10/9 USB (Norwegian-flagged yacht wkg WOM, Pensacola Radio, Fl, for R/T call) (Cope, Tx)
4098 NCOM: USNS Comfort (T-AH-20) 0338 10/2 USB (wkg WOM, Pensacola Radio, FL, for free 3-min R/T calls for the sailors) (Cope, Tx)
4146 WAV4649: Seacor Star 0339 10/27 USB (wkg Seacor Base) (Cope, Tx)
4366 FFL29: St Lys Radio France 0313 10/29 USB (marker for ship radio calibration) (D'Angelo, Pa)
4390 WOM: Ocean Gate Radio NJ US 0310 10/1 USB (wkg Regal Empress, C6LW2, a Bahamian-flagged cruiseship, for R/T tfc) (Cope, Tx)
4402 KMI: Dixon Radio Ca US 0352 10/4 USB (wkg Lucky Lady III, WCH8233, for R/T call) (Cope, Tx)
4417 WYR9980: S/Y Spoonbill 2155 10/27 USB (yacht clg Nemo's Bounty) (Cope, Tx)
5320 NMG: USCG COMMSTA New Orleans La US 0246 10/13 USB (clg T3T, asking amount of catch, position rpt, could not ID site of sale) (Cope, Tx)
5696 NMN: CAMSLANT Chesapeake Va US 0103 10/17 USB (wkg Rescue 1713, a Hercules, re Maranatha, WCF5140, a 54' S/V w/3 POB whose engine room was flooded thru an open window, pilot rpt surface conditions unfavorable for radar contact, started PS search, found ves, VHF contact, ves dewatered) (Cope,Tx)
6221 C6TV: M/S Statendam 0203 10/29 USB (wkg M/S Noordam, PJCO, w/pp's, poss ship to ship employee, Holland-American Line freq) (Baker, Oh)
6224 KA2XTH: NO ID 1950 10/28 USB (experimental sta wkg KA2XTI att to set

up 2400 baud video. Ltr QSY 8297 w/same). (Baker, Oh)
6227 AADT: USAV Aldie 0327 10/4 USB (clg ALCC who was clg AAEC, no joy on any contacts) (Braun, Va)
6693 HMCS OKANAGAN: 1137 10/7 USB (wkg Halifax Military w/pp re outcome of night ops and briefing) (Braun, Va)
6693 CGLM: Canadian Forces attack sub HMCS Okanagan (SS-74) 2310 10/29 USB (wkg Halifax Military re RTTY to pass, uses ID "Submarine Okanagan") (Baker, Oh)
8156 LH: 1140 10/6 USB (wkg TG w/patrol area and status update, Caribbean accents) (Braun, Va)
8198 WYN6254: Mister Don 2340 10/15 USB (tug wkg WOM, Pensacola Radio, Fl, for R/T call) (Cope, Tx)
8204 ELMQ: Fair Princess 1710 10/13 USB (Liberian-flagged cruiseship wkg KMI, Dixon Radio, Ca, for R/T call) (Cope, Tx)
8225 TCPU: Levent/K 0328 10/28 USB (Turkish-flagged cargo ves clg WOM, Pensacola Radio, Fl, for R/T call) (Cope, Tx)
8234 WBR5748: Tropic Explorer 1339 10/8 USB (yacht wkg WOM, Pensacola Radio, Fl, for R/T call) (Cope, Tx)
8258 ELMQ: Fair Princess 0121 10/9 USB (Liberian-flagged cruiseship wkg KMI, Dixon Radio Ca for R/T call) (Cope, Tx)
8270 3FMF2: Enchanted Seas 0328 10/10 USB (Panamanian-flagged cruiseship wkg WOO, Ocean Gate Radio, NJ, for R/T call) (Cope, Tx)
8294 WHISKEY GOLF: 0514 10/12 USB good (clg WGW, no joy) (Hardester, NC)
12230 WGWA: Omi Willamette 2109 10/22 USB (tanker clearing w/KMI, Dixon Radio, Ca) (Cope, Tx)
12245 C6DM3: Royal Viking Sun 2120 10/11 USB (Bahaman-flagged cruiseship wkg WOM for R/T call, woman on board w/infected hand) (Cope, Tx)
12272 ELIR8: M/S Star Princess 1657 10/5 USB (Liberian-flagged cruiseship wkg WOM, Pensacola Radio, Fl, for R/T tfc) (Cope, Tx)
12296 A8UX: Marika Stravelakis 2042 10/8-94 USB (Liberian-flagged bulk carrier wkg WOM, Pensacola Radio, Fl, for R/T call) (Cope, Tx)
12353 WYP4482: Crusader 2133 10/2 USB (Tug wkg WPE, Tug Communications, Inc., Jacksonville, Fl) (Cope, Tx)
13092 WOM: Pensacola Radio Fl US 1701 10/3 USB (position report and commentary on the BOC (British Oxygen Company) around the world, singlehanded sailboat race) (Cope, Tx)
13107 WOO: Ocean Gate Radio NJ US 2212 10/27 USB (wkg S/V Newcastle, Australian entry in the BOC singlehanded around the world sailboat race, YL telling ves what newspapers and magazines were saying about it) (Cope, Tx)
16390 ELKIS: Delta I 2034 10/8 USB (Liberian-flagged oil tanker clg Berne Radio, no joy) (Cope, Tx)
16534 KXE221: BOC Race Control 2138 10/22 USB (wkg yacht Ben Vio, MLDX2, and Hunter's Child, WAO5590, a sloop, both participants in the BOC singlehanded around the world sailboat race) (Cope, Tx)
17332 WOO: Ocean Gate Radio NJ US 1953 10/10 USB (wkg M/V Otto Candies, WBT9806) (Cope, Tx)

PHONE

5277 Atlas: U.S. Customs 'COTHEN'-Customs Over The Horizon Enforcement Network station, Cedar Rapids, Ia. US 0233 10/3 USB (clg 32C no joy). (Baker, Oh); NMG: USCG COMMSTA New Orleans US 0251 10/3 USB (clg CG 6027, HH-60, no joy, most likely the 32C being called) (Baker, Oh)
5400 NMR1: GANTSEC USCG Greater Antilles Section San Juan PR 0029 10/29 USB (wkg R7R, req they switch to "3E7"). (Baker, Oh)
5910 NO ID: 0330 9/23 (EE 5 nbr grps) (Newbury, Ne)
6795 NO ID: 1900 10/28 USB (wkg u/id stn w/track course updates) (Braun, Va)
6989.4 AAA9B: 0217 10/25 LSB 444 (MARS tfc) (Owsley, Ca)
6993 AIR FORCE 1: 0035 11/1 USB 555 (wkg Andrews AFB) (Owsley, Ca)
7940 7FX: 2145 10/8 USB (clg 5GT, no joy) (Braun, Va)
9027 PACAF 01: 1130 10/20 USB (wkg Randolph Dispatch via Andrews pp w/runway parking area request, NOTAM, metro) (Braun, Va)
10426 NO ID: 1815 10/7 fair/poor (w w/EE nbr stn) (Hardester, NC)
10493 WGY910: FEMA Bothwell Wa US 1810 10/25 USB (wkg WGY908 FEMA Denver, w/somewhat informal coms, WGY912 FEMA Special Facility Berryville Va) (Navary, Va)
10780 CAPE RADIO: Fl US 1255 10/9 USB (wkg 7D7 for rdo chk) (Navary, Va)
11126 ARMY COPTER 70074: 1530 10/9 USB (QSY from 11176, A/C pp for DSN nbr, on contact referred to another nbr, Albrook advises GHFS is FOUO) (Navary, Va)
14656 SPW: Warszawa Radio Poland 1354 10/28 USB (marker) (Braun, Va)

RTTY/FAX

2423.5 SAB: Goeteborg Radio, Sweden 0518 10/19 SITOR-B (w/Swedish nx, fol by ann of new maritex channels & tfc list) (Baker, Oh)
2716 SAB: Goeteborg Radio, Sweden 0539 10/19 Sitor A (sending SELCAL PIYP) (Baker, Oh)
2815.5 OST: Ostend Radio Belgium 0335 10/17 RTTY fair (marker) (Hardester, NC)
2845 PBB: Dan Helder Naval Netherlands 0559 10/19 75/850 (test tape, //3764.4) (Baker, Oh)
2892.5 MTO: RN Rosyth Scotland 0602 10/19 75/850 (test tape) (Baker, Oh)
3517 GNI1: Niton Radio UK 0350 10/17 RTTY fair (ID) (Hardester, NC)
3607.3 GKZ1: Humber Marine Radio UK 0355 10/17 RTTY fair/poor (ID) (Hardester, NC)
3607.5 GKZ: Humber Radio UK 0631 10/19 SITOR-A (ID) (Baker, Oh)
3607.8 GHD2: Hebrides Marine Radio UK 0355 10/17 RTTY (ID, QRM) (Hardester, NC); GHD: Gallan Head Radio UK 0632 10/19 SITOR-A (ID) (Baker, Oh)
3615.7 GND: Stonehaven Radio UK 0634 10/19 SITOR-A (ID) (Baker, Oh)
4177 OUMW2: M/V Ocean Tramp 1157 10/24 SITOR-A (tlx tfc) (Navary, Va)
4570 HZN46: Jeddah Meteo Saudi Arabia 0250 100/850 (wx chart) (Scalsky, Md) (Welcome to the column Stan-MW)
5385 NNN0COY: USN Norfolk Va US 0038 PACTOR 200/170 (MARSgrams to Ohio destinations/NNN0QKW) (Scalsky, Md)
5400 WUG: U.S. Army Corps of Engineers Vicksburg Ms US 2050 10/19 SITOR-A (b/cast showing USCOE vsls & positions in Vicksburg district) (Baker, Oh)
6371 GYU: RN Gibralter 0204 75/170 (test line) (Scalsky, Md)
6926.9 NO ID: 1646 ARQ E3 48/397 (not listed, idling, presume FF) (Hall, SA)

6950 RJK78: Kiev Meteo Ukraine 1654 FAX 90/576 (poor chart) (Hall, SA)
7318.8 SUU: Cairo Meteo Egypt 1708 75/170 (wx codes) (Hall, SA)
7582 NKW: USN Diego Garcia 1716 FAX (poor wx chart) (Hall, SA)
7626 TZH: ASECNA Bamako Mali 0230 10/8 50/425 (RYRY, ID test tape) (Baker, Oh)
7763.7 3BZ: Plaisance Air Mauritania 1730 ARQ E3 48/393 (idling) (Hall, SA)
7834.5 5ST: ASECNA Antananarivo Madagascar 0245 10/8 ARQ-E3 48/170 (idling) (Baker, Oh)
8093.1 GXQ: London UK 2037 50/400 (foxes) (Scalsky, Md)
8378.5 JXVF: Norwegian factory fishing ship Volstad 0056 10/18 SITOR-A (fish catch report to Greenland "fisker licenskontrol" & CC'ed to Greenland "Komando") (Baker, Oh)
8390.5 YLAO: TK Mikhail Lomonosov 2225 10/3 SITOR-A (tlx att to arrange swap for 80 Mercedes parts & ladies size 38 boots in exchg for "fine Russian salt water red caviar" and crabs). (Baker, Oh)
8397 FB: NO ID 2145 10/24 75/170 (5 ltr grps, ID) (Baker, Oh)
8417 GKE4: Portishead Radio UK 2143 10/17 SITOR-B (SOS relay fm "CG Falmouth" for the 60' S/Y Gartmore Investment Managers, yacht in the BOC Challenge Around Alone 94-5 race, msg shows yacht Newcastle Australia, another BOC yacht, responding to assist) (Baker, Oh)
8418 LSD836: Argentina Radio 0520 10/12 RTTY fair/poor (marker) (Hardester, NC)
8419.5 PPR: Rio Radio Brazil 0525 10/12 RTTY poor (marker) (Hardester, NC)
11543.7 NO ID: 1317 86/123 (unable to decode) (Hall, SA)
12190.4 RFVI: Le Port Reunion 1345 ARQ E3 100/400 (5 ltr grps, idling) (Scalsky, Md)
12203.8 E9FJ5: NO ID 1258 75/180 (5 ltr grps to Q6FTGT in clear) (Hall, SA)
12484 P3LX5: M/V Spica 2113 10/2 SITOR-A (wx obs to Hamburg) (Navary, Va)
12491 UODD: M/V Beloostrov 1257 10/11 SITOR-A (wx obs to Wash DC) (Navary, Va)
12498.6 ZOE13: Tristan de Cunha 0844 SITOR-A (EE tfc to UK via ZSC Capetown) (Hall, SA)
12504.5 EQJL: Iranian Cargo Ship Iran Dastgheyb 2153 10/28 SITOR-A (tlx's to Acadiaship, ea starts w/"In the name of Allah") (Baker, Oh)
12506 NO ID: 2100 10/9 SITOR-A 333 (tfc from Goodrich Bay) (Card, RI)
12507 HKRX: M/N Excelso 2022 10/13 SITOR-A (SS tlx) (Navary, Va)
12597 SPB62: Szczecin Radio Poland 2056 10/1 SITOR-B (w/stn info, tfc lst) (Baker, OH)
12818.1 SAB63: Goeteburg Radio Sweden 1717 SITOR-B (Swedish txt) (Scalsky, Md)
13366.7 5YD: Nairobi Air Kenya 0517 50/222 (wx, aero tfc) (Hall, SA)
13530.2 RVW53: Moscow Meteo Russia 0525 50/1005 (wx codes) (Hall, SA)
13882 DDK8: Hamburg Germany 1330 10/10 FAX 354 (wx maps) (Card, RI)
13920 AXM35: Melbourne Meteo Australia 0537 FAX (fair chart) (Hall, SA)
13958.5 MFA: Berne Radio Switzerland 1340 10/10 SITOR-A 354 (Swiss press w/FF/GG nx) (Card, RI)
14585.5 RFVAD: FF N'Djamena Chad 0555 ARQ M2 200/393 (idling) (Hall, SA)
14699 YIX70: INA Baghdad Iraq 1515 50/425 (tail end of tx) (Scalsky, Md)
14737 RXO72: Khabarovsk Meteo Russia 0608 FAX (fair chart) (Hall, SA)
14947 ROM5: Tashkent Meteo Uzbekistan 0540 FAX 90/576 (poor signal) (Hall,

SA)
14989.1 TNL: ASECNA Brazzaville Congo 1136 ARQ M2 96/383 (wx, aero tfc on Ch. A) (Hall, SA)
16187 5YE: Nairobi Meteo Kenya 1324 FAX (very good wx chart) (Hall, SA)
16226.2 NO ID: 1154 ARQ E 72/401 (unlisted probable FF stn, idling) (Hall, SA)
16291.2 RFFX: MOD Paris France 1629 ARQ E 72/425 (idling) (Scalsky, Md)
16332.2 MFA: Bucharest Romania 1355 ROU-FEC 164.5/400 (encrypted tfc) (Scalsky, Md)
16334.3 FZS63: St Denis Meteo Reunion 1246 75/419 (wx codes) (Hall, SA)
16698.5 C6ID6: M/V Snow Crystal 1755 10/17 SITOR-A (position rpt) (Baker, Oh)
16699.5 DJSY: M/S Anne Catherina 1355 10/14 SITOR-A (tlx tfc via Goteborg Radio) (Navary, Va)
16798.1 GGM: PNA Manila Philippines 0855 SITOR-B (EE nx) (Hall, SA)
16803.6 UUUB: SOVSHIP Marshal Sudets 1330 50/170 (wkg Sevastopol) (Hall, SA)
16824 GKE6: Portishead Radio UK 2041 10/1 SITOR-A (ID) (Baker, Oh)
17180.3 HWN: French Navy Paris France 1905 75/630 (RYs, ID) (Scalsky, Md)
17432.2 DFZG: MFA Belgrade Serbia 1505 75/380 (nx/msgs in Serbian ??) (Scalsky, Md)
18060.1 SNN299: MFA Warsaw Poland 1418 POL-ARQ 100/250 (txt in Polish) (Scalsky, Md)
20140.2 YBU: NO ID 2201 75/485 (RYs) (Scalsky, Md)
20299.7 NKW: USN Diego Garcia 0830 FAX (good wx chart) (Hall, SA)
22377.1 GKE7: Portishead Radio UK 1635 10/22 SITOR (ID) (Ward, Ca)
22377.5 KFS: Palo Alto (San Francisco) Radio Ca US 0146 10/19 SITOR (ID) (Ward, Ca)
22378 FFT: St Lys Radio France 1438 10/22 SITOR (ID) (Ward, Ca)
22380 PCH: Scheveningen Radio Netherlands 1636 10/22 SITOR (ID) (Ward, Ca)
22381 WLO: Mobile Radio AL US 2351 10/30 SITOR (ID) (Ward, Ca)
22391.5 NO ID: 1800 10/16 SITOR (frequently heard, but never with CW ID) (Ward, Ca)
22396 NO ID: 2353 10/30 SITOR (frequently heard, but never with CW ID) (Ward, Ca)
22407.6 UAT: Moscow Radio Russia 1033 SITOR-A (very long wx tx) (Hall, SA)
22542 JJC: Tokyo Radio Japan 1053 FAX 60/576 (excellent wx chart) (Hall, SA)
22550 MTO: RN London UK 1320 75/850 (tst tape) (Hall, SA)
22596.3 UNO: Novorossiysk Radio Russia 1101 100/860 (Russian tfc, unusual shift/-speed) (Hall, SA)
22869 5YE: Nairobi Meteo Kenya 1115 FAX (good wx chart) (Hall, SA)
23120.1 ITALIAN EMBASSY: Lagos Nigeria 1126 ARQ e 96/169 (Italian tfc- 1st time heard) (Hall, SA)

I'm out of room again. No room to chat. More new members this month.
CUN 30

\\\\\\\\\\\\\\\\\\\\\\\\\\\\ UTILITY NOTES ////////////////////////////////
News and Information from the World of Utilities
Richard "RD" Baker, Editor
Internet: ae411@yfn.ysu.edu

Well this is it! The month we find out who has been naughty and who has been nice!

Many fellow Speedx'ers heard some of the great wargame communications heard recently on 6780.0 USB. Heard was what may have been some sort of multi-national exercise or wargame involving U.S. and South American navies, based on the accents. This was with S2 working B4. Referred to was a place called "Isla de la Plata" where units were ordered to proceed and defend. Jim Navary looked, but couldn't find that name that on a map. SEAHAWK 2 (possibly an SH-60 'Seahawk' LAMPS helo deployed by one of the ships) at one point reported that he had been advised on the "umpire net" that he had been "taken out". Lots of "weapons free" and "birds away" traffic with simulated and perhaps live-fire missile exercises. Was interesting stuff. Signals were "barely heard" in Michigan to strong in Virginia.

When I listed all the Russian RTTY books in the column a couple months ago, I didn't realize another was so close to release. Just released is the Hobbyist's COMINT Russian Radioteletype Dictionary by fellow Speedx'er and the author of the Hobbyist's Guide to COMINT Collection and Analysis, Tom Roach. One again in the spiral bound format and containing some 58 pages, the book lists Russian words created by three types of files: 1. Transliterated Cyrillic "Pakratt Code 3" output; 2. Universal M-7000 decoders "printer output" and 3. Transliterated equivalent of the Universal M-7000's "printer output". It features ONLY words used in actual traffic, including jargon. It also doesn't require you to know any Cyrillic alphabet characters. In short, with this dictionary, which is planned to updated continuously, you should almost always be able to get the gist of what is being sent in a Russian RTTY or CW message. Only "real" captured traffic was used to form the basis of the dictionary.
The "Hobbyist's COMINT Russian Radioteletype Dictionary by Tom Roach is available direct from the author at 1330 Copper Peak Lane, San Jose, CA, 95120-4271 with a cost of $30 USA (plus $4 shipping/handling 2 day priority mail); $37 (overseas, all countries, shipped Air Mail). The book will also be available through other dealers soon. All orders direct from Tom include air mail shipping, but no credit cards accepted. If you are one of the many who enjoy chasing Russian (and all of the former Soviet Union, et al) RTTY or CW, you will want to include this book in your reference library.

MILITARY
Many of you have noted several frequency changes starting mid-November. The U.S. Coast Guard changed some longtime air to ground frequencies. 11201 is now 11202; 8984 is now 8983; 3123 is now 3122. For now, 5696 remains the same. Canadian Forces frequencies 9006 and 6683 are now 9007 and 6684. Note all frequencies end in ".0" and are USB. The USCG changes are suppose to be part of a DoD plan to realign some frequencies to make room for new ones. Perhaps the realignment is wider than just the U.S. DoD considering the Canadian changes. In any case I'm sure there will be more. If anyone else has noted any changes worldwide anywhere, I'd appreciate hearing from you! I'll post an update next month.

Canadian Forces
~ For those who keep lists, HMCS Fraser (DDH-233) was decommissioned

October 31, 1994. Her international callsign was CZFG, and CFARS was CIW8103.
~ Some active frequencies you may try to log are 6694 and 6705 for CFB Shearwater, or Shearwater Military. The Canadian government is going to downsize the base starting next year, with most of the base to be transferred to civilian use. These frequencies are reported to be in use there.

~ Last year we had Tim Brauns' mystery station CGF on 6504.0 Khz., that was heard working Canadian Coast Guard icebreakers. In a QSL letter I received from a Canadian Coast Guard icebreaker, they describe CGF as being "Ice Halifax". The icebreakers maintain a schedule with CGF all winter long at 1320 Z and 1900 Z, usually on "four megs". Four megs may be 4363. Rick Matthew up in Vancouver also dropped a note suggesting CGF may also use 4318, 8725, 13140, 17326 and 22780. I assume CGF is like the U.S. Coast Guard CommSta Boston, NIK, their callsign for the International Ice Patrol. So this is about 90% of the puzzle solved. Now who actually runs CGF? And can we confirm the International Ice Patrol connection?
~ SWORDFISH is reported as the callsign for one of the CP-140 Aurora Squadrons at CFB Greenwood. This plane is the Canadian version of the U.S. P-3C.
~ The CFARS callsign CIW8125 has been issued for the HMCS Ville de Quebec.

U.S. Navy
~ NAVMARCORMARS Update:

NNN0BLU NOW CALLSIGN NNN0CQN (USS BLUERIDGE)
NNN0NHJ HSL-48, DET 9, NAVAL STATION, MAYPORT FL 32228
NNN0CWA NAVAL SPECIAL WARFARE GROUP TWO, 1430 HELICOPTER ROAD, SUITE 200, NORFOLK, VA. 23521, OPERATES ABOARD VARIOUS SHIPS.
NNN0CWF USCGC ESCAPE (WMEC 6), C/O CHARLESTON NAVAL STATION, CHARLESTON SC 29402
NNN0NNA MILITARY TRAFFIC MANAGEMENT COMMAND, COMMANDER MTMCEA, MTIME-N-HF, BLDG. 42 ROOM 5302, BAYONNE NJ 07002-5302, TEMPORARY USED BY A U.S. ARMY CONTRACT SHIP.
NNN0CSD USS SHILOH (CG-67) FPO AP N/A
NNN0NPT PATROL SQUADRON 40 (VP-40) FPO AP N/A
NNN0CPX USS VANDERGRIFT (FFG 48), FPO AP 96682-1502
NNN0CVU, NNN0CVO, NNN0CXV, NNN0CSK, NNN0CYD: DECOMMISSIONED
NNN0NUH UN FORCES AGHUEIT, WESTERN SAHARA; NNN0NUI UN FORCES AWSARD, WESTERN SAHARA; NNN0NUJ UN FORCES BIR LAHLOU, WESTERN SAHARA; NNN0NUK UN FORCES DAHKLA, WESTERN SAHARA; NNN0NUL UN FORCES LAAYOUNE, WESTERN SAHARA; NNN0NUM UN FORCES MAHBAU, WESTERN SAHARA; NNN0NUN UN FORCES MEHARIEZ, WESTERN SAHARA; NNN0NUO UN FORCES MIJEK, WESTERN SAHARA; NNN0NUP UN FORCES OUM DREGA, WESTERN SAHARA; NNN0NUQ UN FORCES SMARA, WESTERN SAHARA; NNN0NUR UN FORCES TIFARITY, WESTERN SAHARA; NNN0NUS UN FORCES TINDOUF, WESTERN SAHARA; and NNN0NUT UN FORCES ZIUG, WESTERN SAHARA.
NNN0CBV USS CANOPUS (AS-34)
NNN0NRJ TERMINATED - BASE CLOSURE
NNN0MFC 2ND MARINE EXPEDITIONARY FORCE CARIBBEAN
NNM0CXS USCGC DALLAS
NNN0CRR USS CROMMELIN (FFG-37)

NNN0NIA FAMILY SERVICES CENTER BOX 184, NAS CECIL FIELD, FL 32215-0184
NNNOMAQ USMC HELO
NNNOMJF CAMP FUJI JA
NNN0HLG CW BEACON, USN SHIP, KOREAN AREA TO ASSESS PROPAGATION, 12935.3
NNN0HLJ CW BEACON, USN SHIP, KOREAN AREA TO ASSESS PROPAGATION, 16909.2
NNN0HLO CW BEACON, USN SHIP, KOREAN AREA TO ASSESS PROPAGATION, 16989.2
NNN0CQZ REASSIGNED USS CURTIS WILBUR DDG- 54 FPO AP 96683-1272
NNN0CAH, NNN0CRS, NNN0CBL: DECOMMISSIONED OR NO LONGER ASSIGNED

U.S. Coast Guard
~ New address for USCGC Valiant as she recently changed homeport from Galveston, Tx: c/o Coast Guard Base, 100 MacArthur Causeway, Miami Beach, FL 33139-5199. I was also able to find out that this address is good for USCGC Escape (WMEC-6): U.S. Naval Station, Charleston, SC 29408-5000.
~ Effective 1 October, the Coast Guard changed the name "Radioman (RM)" to "Telecommunications Specialist (TC)." So now we have a TCIC (Tele-communications Specialist In Charge) in place of the former RMIC.
~ Effective 1 April 1995, the Coast Guard will no longer have anything to do with CW, including HF. This will be the end of an era, and it's kind of sad.
~ USCGC Citrus (WMEC-300), NRPQ, has been decommissioned.

Thanks to Jim Pogue (author Coast Guard Radio and The Warship Directory) for most of the USCG info this month. Jim is considering updated editions on both of those books and is working on several new books these days.

Other information via the Navy News Service (NNS), Air Force News and Steve "Mr. Warship" Schultz.

MARITIME
~ I caught something new in a Sitor-B traffic list from Palo Alto Radio, KFS: CQ CQ DE KFS/WNU/VCT KFS/WNU/VCT
=
HELLO ALL STATIONS. THIS BROADCAST ORIGINATES FROM:
PALO ALTO RADIO KFS (SAN FRANCISCO) - SELCALL 1094
SLIDELL RADIO WNU (NEW ORLEANS) - SELCALL 1109
GRAND BANKS RADIO VCT (NEWFOUNDLAND) - SELCALL 1094
===
NEWS:
WNU ATOR CH.401 NOW OPERATIONAL.
VCT ATOR CH.812 AND CH.1263 NOW OPERATIONAL.
SIGNAL REPORTS WELCOME AND APPRECIATED.
===
FOR ATOR SERVICE USE KFS/WNU/VCT ITU CHNL PAIRS:
401 403 603 627 803 812 819 1203 1219 1257 1263 1647 1657 2203

Whoa...Grand Banks Radio, VCT...? That is correct! A new Sitor station joined the KFS/WNU team from up Canada way. Then the ever alert Mike Hardester heard the CW ID on 8414.0 and fired off several letters. Here is what Mike says he found out:
I received a letter today from Halifax Coast Guard, where each time I have an UNID Canadian, they hear from me and are always (usually) quick to

reply. Regarding my log of VCT, the Acting OIC replied:
"When I first read your letter, I must confess that I had never heard of the radio callsign VCT. To satisfy my own curiosity, I went to the Ops room and tuned in 8422 kHz myself. There was no mistaking the CW ID as VCT. No one on duty that day knew who belonged to the callsign."
He goes on to say he contacted the Dept. of Communications and they identified the operators: Sealink Communications, c\o General Delivery, Torres Cove, NFLD. AOA 4AO. They are a "privately owned company providing radio service to the shipping community." They have MF & HF radiotelephone capabilities, but the OIC said that RTTY was not listed. So, mystery solved.

And a good piece of detective work too! Thanks Mike.

~ Speaking of mysteries, last month Tim Braun reported Caribbean sounding
traffic on 8156. I have since been able to confirm by listening that this is Coral Harbour Radio, C6N55, in the Bahamas. The frequency is not listed for them anywhere. Not surprising as it's just a tad out of band. I've heard them working various pleasure vessels (all flagged in the Bahamas) 0300 to 0600 UTC. Not the 'patrol frequency' Tim thought he had found, but a nice "find" anyway! And maybe even better, cause we can QSL this one!
~ John Cope down Texas way reports finding "BOC Race Control" on 16534.0 USB, using callsign KXE221 working several BOC yachts. The BOC Around the World Alone is a single person around-the-world yacht race. Another good find from the only person I know to have logged a Pakistani naval ship! This was the SMDL3520, ARKE, on 12311.0 working probably Karachi Radio, Pakistan, which operates on that frequency.
~ Last year, the Greenpeace organization was granted a number of HF coast
station frequencies with which to communicate with their fleet of vessels. The frequencies issued by the FCC are reported to have been such that the modulation had to be digital and was limited to a 300 hertz bandwidth. The digital mode thought to be used on these frequencies is Clover, a mode used in amateur radio circles. I'd be very interested if anyone has information on the actual frequencies or the mode used.

AERO
The National Hurricane Center (NHC) flies the famous WP-3C "Hurricane Hunter" aircraft NOAA 42 and NOAA 43. The NHC recently moved into new headquarters at this address: The National Hurricane Center, NOAA/NWS, 1320 S. Dixie Highway -Room 631, Coral Gables, Fl 33146. The old address no longer works. But if you would like to write the aircraft crew, Jim Navary obtained this address: NOAA (aircraft 42 or 43), NOAA Aircraft Operations Center, PO Box 6829, MacDill AFB, FL 33608. Hurricane season ends by November 31 and the 42 and 43 aircrew's have already stood down from missions for this year. Hurricane Gordon was a late one and resulted in several persons being rescued in SAR's by the U.S. Coast Guard. Most notable was the rescue of four persons from the S/V Marie Flower 2 by the HH-60 helo 6034. Due to the time on station to perform the rescues, arrangements were made for 6034 to refuel on board the aircraft carrier USS America. CBS showed footage taken by the helicopter of the rescue.

That's it for this month (and this year-hi!). I hope each and everyone
of you has a joyful holiday season. DE RD

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Note: This is the Feb. 'Electronic Edition' and is from the Dec. 1994
SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091.

It is with great sadness I report that Speedx ceased publication
with the January 1995 issue of Shortwave Radio Today. For those interested
in utility stations (SSB or Digital) contact me at ae411@yfn.ysu.edu for
the status in several ute information projects being considered by former
Speedx members at this time. -Rick Baker

DE RD
NNNN

--
Rick Baker (ae411@yfn.ysu.edu)
Recorded live and direct from downtown Austintown, Ohio

1423. Re: San Ramon, CA Area Freqs

Newsgroup: rec.radio.scanner
Date: 1995-01-30 19:08:44 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.239.000D25AB@chevron.com>
Source record: 262055

>Rudy A. Willis (rwillis@popper.pacbell.com) wrote:
>: Can anyone provide a listing of freqs for the San Ramon, CA area?

>: These are not available (due to the small population) in the standard
>: frequency publications. Thank you.

Police and fire freqs maybe listed under Contra Costa County. San Ramon's police service is provided by the Sheriff's office. While researching for a radio project in Chevron Park I was told by "SRPD" that their radios are controlled by the county. I am not sure about fire - San Ramon Fire District? Daugherty Fire District? (Daugherty's fire jursidiction stradles the Alameda/Contra Costa lines.)

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1424. Re: AOR 1000 BOOK

Newsgroup: rec.radio.scanner
Date: 1995-01-30 19:32:15 UTC
From: erikw@bat.engr.sgi.com
Message-ID: <3gjerv$8hp@fido.asd.sgi.com>
Source record: 262046
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1995Jan27.210403.455@flying-disk.com>, frisbie@flying-disk.com writes:
> In article <3fv2n4$jrm@hal9000.apana.org.au>,
> matthew@hal9000.apana.org.au (Matthew Volkmer) writes:
>
> > Does anyone in AUSTRALIA have a copy of the book "GUIDE TO AOR 1000"
>
> > PS If you dont have it where can I get it in Australia?
>
> For that matter, where can I get it in the USA? The manual
> that came with it is pretty bad, although I like the radio.
>
> When I got my AOR 1000, it was the greatest thing since
> sliced bread. How does it stack up against current scanners?
>
> -- Alan E. Frisbie Frisbie@Flying-Disk.Com
> -- Flying Disk Systems, Inc.
> -- 4759 Round Top Drive (213) 256-2575 (voice)
> -- Los Angeles, CA 90065 (213) 258-3585 (FAX)

This pointer was sent to me via e-mail. I have not had a chance to verify.

The Electronics Equipment Bank in Vienna VA.
The Guide To The AR1000
Cost is about $15 pluss shipping.

Cheers Erik Wahlstrom
ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
PH. 415 390 3135 Fax 415 967 8496

This message contains my opinions which are in no way those of my employer.

1425. Re: AR1000XLT hacking advice

Newsgroup: rec.radio.scanner
Date: 1995-01-30 19:47:48 UTC
From: erikw@bat.engr.sgi.com
Message-ID: <3gjfp4$8hp@fido.asd.sgi.com>
Source record: 262047
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

In article <3gi7s7$o29@harbinger.cc.monash.edu.au>, mike@dino.eng.monash.edu.au writes:
> Hi ..
>
> Erik Wahlstrom (erikw@bat.engr.sgi.com) wrote:
> : So I recently picked up a used AR1000XLT that i found in the paper. After some
> : stomping of feet, pulling of hair, and cursing the human factors group at AOR,
> : i think i am finally getting the hang of the, so called "User Interface".
> : Being a Hardware guy i couldn't resist the opportunity to take it apart
> : and have a look. Not to many surprises really, except one, the scanner is
> : controlled by a 4 bit processor which has a serial port. It's a uPD75308GF made
> : by NEC with an 8kB external ROM. So i am wondering if anyone has been
> : successful at interfaceing to it. It sure wound be allot simpler to program
> : those 1000 channels using my computer. Any takers?
>
> If you can get the data/spec sheet for the cpu then I can try and make
> an interface. I've tried without success to get one.
>
> Mike
>

MIKE

It's i the "Single-Chip Microcontroller Data Book" from NEC, dated 1991.
If you can't find a copy call NEC @ 415 960 6000, thay will send you a copy.

Cheers Erik Wahlstrom
ADD Lab Manager Silicon Graphics Inc. E-Mail: erikw@sgi.com
PH. 415 390 3135 Fax 415 967 8496

This message contains my opinions which are in no way those of my employer.

1426. Shoreline Amphitheater Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-30 19:59:42 UTC
From: lmj@crl.com
Message-ID: <3gjgfe$sml@crl9.crl.com>
Source record: 262048

I've tried Police Call, Beyond Police Call and Bay Area Frequency Directory. Any one have an idea of what they are?

Thanks,

Loretta

--
"If the World were a logical place men would ride sidesaddle"- Rita Mae Brown

"I love children, especially when they cry, for then someone takes them away." Nancy Mitford

1427. Re: AR8000 and hissing headphones

Newsgroup: rec.radio.scanner
Date: 1995-01-30 20:26:40 UTC
From: dvancao@lochness.uhc.com
Message-ID: <3gji20$pj5@rohcs1.uhc.com>
Source record: 262065

You should consider that the head/ear phones has a freqency range
from 20,000 Hz to 20 Hz. The speaker on the AR8000 does not have
that high and low of a freqency range. That's why you can not
hear the hiss or the low bass on the speaker.

Dat VanCao /*/ dvancao@uhc.com

1428. PRO-51 Modifications

Newsgroup: rec.radio.scanner
Date: 1995-01-30 21:02:00 UTC
From: DENNIS.DEASE@the-matrix.com
Message-ID: <8A29386.1450001777.uuout@the-matrix.com>
Source record: 262050

I just entered the newsgroup, and saw evidence of discussion about PRO-51 modifications. Would someone either re-post a summary of PRO-51 mods or e-mail them to me at wirenet!n4nr@vulcan.com -----

Thanks much!!

Dennis - N4NR
wirenet!n4nr@vulcan.com

1429. Re: Scanner interference

Newsgroup: rec.radio.scanner
Date: 1995-01-30 21:13:00 UTC
From: wierz@gouda.cad.melpar.esys.com
Message-ID: <D38LLp.FuE@melpar.esys.com>
Source record: 262053

In article <3gj7rg$7fu@eve.adam.com.au>, dame@eve.adam.com.au (damian britton) writes:
|>
|> I've got a Pro 39 handheld scanner which is taken with me in my car. I
|> have a external aerial on the car but I pick up lots of interference when
|> I turn my car over. Is there an easy cheap way of getting around this?

(SNIP)

Maybe you should just turn the antenna upside-down instead of
the whole car. That tends to ruin a paint job pretty quick! =;^)

****
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
****

1430. Re: California code books

Newsgroup: rec.radio.scanner
Date: 1995-01-30 21:16:26 UTC
From: drawson@sagehen.Tymnet.COM
Message-ID: <3gjkva$bv4@tymix.Tymnet.COM>
Source record: 262051

Privately published law books can be published before the state of
California gets around to it. The information was already published
in the legislative record.

You might find some of these for sale at "uniform" shops, the kind
that sell uniforms for police, fire, postal workers, CDF, etc.;
I did.

Dick n6cmj

1431. Pro-51 7A4's available...

Newsgroup: rec.radio.scanner
Date: 1995-01-30 21:28:04 UTC
From: pvj@hprnd.rose.hp.com
Message-ID: <3gjll4$scs@hpchase.rose.hp.com>
Source record: 262052

Just a quick note that there are lots of the keyboard modifiable Pro-51's available at many Radio Shack stores. The trick is to look at the demo model the store has. I've been in three or four different RS stores and they all have the 7A4 as a demo model. This is how I bought mine and two more for friends.
PJ

1432. GP-300: I have the model # now

Newsgroup: rec.radio.scanner
Date: 1995-01-30 21:42:18 UTC
From: kstern@nyx10.cs.du.edu
Message-ID: <3gjmfq$n2h@nyx10.cs.du.edu>
Source record: 262054

To all those who responded to my last query regarding the Motorola Radius GP-300, thank you. :-)

Some mentioned that with the model number, the correct band area could be determined and thus, searched. It has taken me quite awhile to get the security guard here alone, but today I finally succeeded. After taking off the battery compartment, the model number appears to be:
P94YPC20A2AA

I wrote down many of the other numbers as well just in case.

Would anyone with a model number mapper please let me know where to continue my searching? It would be most appreciated.

~Ken

1433. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-01-30 23:08:04 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <791507284.155snx@n2ayj.overleaf.com>
Source record: 262056

In article <8A244F3.0278000F51.uuout@outland.raleigh.nc.us>
terry.mccarty@outland.raleigh.nc.us writes:
>
>Here is an interesting article I picked up from a local BBS.
>
> WHY RADIO AMATEURS ARE CALLED "HAMS"
> From Florida Skip Magazine - 1959
<snip>

AAAARRRRRRRRRRGGGHHH!!!!!! Help, Mommy, it's back. Make it stop!

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com

1434. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-30 23:26:02 UTC
From: bblinn@infinet.com
Message-ID: <bblinn.45.00598F8A@infinet.com>
Source record: 262058

Peter M Woolsey (mupmw7@uxa.ecn.bgu.edu) wrote:
> -- Many more of the police agencies are steering more and more towards
> "plain-english" radio communications due to the vast differences in 10 codes

Indianapolis used to use plain English, but that's the only place I've ever been that did. The codes may speed communications slightly for common calls, but not when the dispatcher has to look up an incident code to say it and the officer has to look up an incident code to decipher it.

NYPD seems to use the word "collar" a lot. I thought that stopped being used about 1920.

Bill Blinn (bblinn@infinet.com) -- N8POV@W8CQK.#CMH.OH.US.NOAM (Ham Radio)
The secret of making $1,000,000 fast: Simply c^% ErX ^^ NO CARRIER

1435. Re: What are those new LAPD radios?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 23:27:13 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.240.001174A2@chevron.com>
Source record: 262057

In article <3gcam9$2a1@news.castlebbs.com> mddoc@castlebbs.com (stan lui) writes:

>hglassma@daniel.drew.edu wrote:
>: I saw that the LAPD is finally replacing its antiquated fleet of
>: Motorola MX-300 series portables with a new radio that looks like an
>: updated model of the Motorola Saber.
>: They have what looks like two rows of three green buttons right under
>: the display screen.

>: Does anyone know what these radios are called and what their
>: capabilties are??

>They are called ASTRO : Advanced Secure Tactical Radio operations
>system. These new Mortorola ASTRO SABERS capable of secure encrypted
>communications.

From the physical description I would agree that they are ASTROs but I haven't been up close an personal with any LAPD eqquipment. The ASTRO is not a SABER. In addition to being encryption capable they are both analog and digital. Any channel (mode) can be nFM analog or digital. "Flashport" programming can allow the digital modes to be as narrow as 6.25 KHz wide if (when) narrow channeling requirements are imposed.

They can be upgraded to comply with what's called the Common Air Interface standard for all digital communications. I believe CAI calls for 12.5 KHz channels.

They are available in VHF, UHF and 800 MHz models (by now 900 is probably available) and can be conventional or trunked.

I tried these things at a trade show last year. The digital technology is very much improved so that voices don't sound so mechanical after the A/D - D/A conversion.

There are ASTRO repeater/base stations and mobiles as well.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1436. Why is the Icom CT-17 so Expensive?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 23:36:23 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD38s8n.HCq@netcom.com>
Source record: 262060
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Why is the Icom computer interface, CT-17, so expensive? I've always thought that it is simply a level converter.

There is an article in July 1993 (or maybe 1992) QST that describes the construction of a CT-17 equivalent. This little circuit uses four common transistors and a few diodes, caps, and resistors with a total parts cost of about $4. Why, then, does the Icom CT-17 cost over $100??

1437. Re: AR8000 power adapter w/alkaline cells?

Newsgroup: rec.radio.scanner
Date: 1995-01-30 23:37:58 UTC
From: schuster@panix.com
Message-ID: <3gjt8m$npa@panix3.panix.com>
Source record: 262059

In article <3gja6p$nuh@btree.brooktree.com>,
Michael Eskin <eskin@btree.brooktree.com> wrote:
>It's not clear to me that it's OK to use the AC adapter on the AR8000
>when alkaline cells are installed in the unit... Can anyone verify this?

Connecting an external power source will apply a charging current to the batteries. If they're not designed for recharging (e.g. alkalines) you run the risk of exploding them and leaking caustic electrolyte all over the innards of your expensive new scanner.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1438. Scanner for sale

Newsgroup: rec.radio.scanner
Date: 1995-01-31 00:58:44 UTC
From: mkeiser@Eng.Sun.COM
Message-ID: <3gk204$3n7@engnews2.Eng.Sun.COM>
Source record: 261926
Cross-posted to: alt.radio.scanner,rec.radio.scanner

For Sale: AR-1500 Wide Range Scanner (an AOR Product)

Coverage: 25 Khz to 1300 Mhz, AM, NFM, WFM (no cellular blockage)

1,000 channels in 10 banks, including auto-store capability.

Includes AC adaptor, cigarette-lighter adaptor, earpiece, two antennas, instructions for AOR's traditional "user friendly" instruction set. ;-) Also includes a carrying case. In original packaging. If you want additional information, I believe I have the review of the unit on-line somewhere, and I can email it to you.

Cost me $597.98 in March 1993 from Scanners Unlimited in San Carlos, CA.

Selling for $400, including Federal Express to the the destination of your choice. Outside the US, you pay the duties/taxes.

1439. PRO-43 Modifications FAQ

Newsgroup: rec.radio.scanner
Date: 1995-01-31 01:13:11 UTC
From: gdallal@world.std.com
Message-ID: <D38wpz.Bx9@world.std.com>
Source record: 262061

Radio Shack PRO-43 Modifications FAQ
CONTENTS

1. Introduction
2. Which units can be modified for extended frequency
reception?
3. Companies that will do the extended frequency modification
for you
4. The modifications
extended receive
keypad beep delete
improved audio
attaching an S-meter
400 memory channels

---

1. Introduction

Because there is a continuing demand for it, this mini-FAQ about PRO-43 modifications will be posted every two weeks until someone tells me to "get rid of it". In large part, it is the file PRO43.MOD from pub/hamradio/mods/tandy at oak.oakland.edu .

The FAQ now includes mods for

(1) extended receive
(2) keypad beep delete
(3) improved audio
(4) attaching an S-meter

There is also a mod for 400 memory channels, but, to quote its author, it is very complicated, should only be attempted by someone with moderate to advanced electronics experience, and is not for the faint of heart or the "weekend technician." A brief description is included at the end of this FAQ. If the mod were included in its entirety, the size of the FAQ would be increased four-fold.

---

2. Which units can be modified for extended frequency reception?

Note: It is against the law (Electronics Communications Privacy Act of 1987, public law 99-508, amended 1994 by public law 103-414) to listen to cellular or cordless telephone communications. However, it is not illegal to own equipment the can receive or can be modified to receive such

communications, even though it became illegal as of April 1994 to manufacture or import equipment that could be easily modified by the user to receive cellular communications. Equipment manufactured before the cutoff date can continue to be sold until stocks are exhausted. While businesses are forbidden from importing cellular capable scanners for resale, the question has been raised whether an individual can legally import such equipment not intended for resale. The issue is not explored here.

Which PRO-43 units can be modified for extended receive?

Modifiable | Nonmodifiable
|
serial number no A in # | begins with A
FCC-ID AA020-300 | AA020-300A

Inside the battery compartment is a paper label containing the date of manufacture in the form "month A year". For example, 5A3 is May, 1993. The cutoff date after which units could no longer be modifiable is April, 1994 (4A4). So far, all units made before 4A4 are modifiable while all units made after 4A4 are not modifiable. There has been a firm report of a nonmodifiable unit with a 4A4 date of manufacture. There may be modifiable units with a 4A4 date of manufacture, but this has not been verified.

There are no software modifications for the PRO-43. It is not possible to extend the frequency range of the radio by pushing buttons from the keypad. Such modifications are possible with other units, such as the PRO-51, but *not* with the PRO-43. The PRO-43, made by GRE (General Radio Electronics) of Japan, is one of Radio Shack's few triple conversion units. Radio Shack units with software modifictations are double conversion units made by Uniden.

Modification procedures for other radios are available by anonymous ftp from the pub/hamradio/mods/<manufacturer> subdirectories at oak.oakland.edu.

In the extended receive modification, there is some debate about whether step (5) is worthwhile. Many report poor reception; others report that the unit is not designed for good low band reception. So, if you trash the diode in step 4 or want to quit while your ahead, don't lose sleep over it.

---

3. Companies that will do the extended frequency modification for you

If you'd rather not do the extended receive modification yourself, you can have it done for you for $40 (including insured UPS return postage) by Cellular Security Group, 106

Western Avenue, Essex, MA 01929 (508/768-7486). However, CSG will not move the diode to extend the low band to 88 MHz; they only remove the diode to unlock the 800 MHz frequencies. When CSG is mentioned on the net, two types of comments follow: testimonials from satisfied customers and comments from those with the technical skills that the service seems high priced for just removing the diode, but there have been *no* reports of shoddy work or damaged radios. (They've modified two of mine.)

Grove Enterprises has begun advertising repair services and will do the mod for $40 plus shipping. When I spoke with them, they said that they will move the diode on units that can benefit from a move (as opposed to just a removal) but they also said that one could only tell if the diode should be moved after looking at the insides. They claimed that one could not tell from a serial number or date of manufacture. For further details, call Grove at 704/837-7081. In order to get your unit modified you must first get a service order number from the same telephone number. Packages without a SO# will be refused.

---

4. The modifications

This file is meant to replace the old PRO-43 mod file. 1/26/94

From: armille@afterlife.ncsc.mil (A. Ray Miller)
Summary: cellular (870-890 MHz) and low band (51-88 MHz) restoration for PRO-43

A few people have mentioned the cellular mod for the PRO-43; it turns out you should not remove but MOVE the diode. Doing so allows cellular coverage as well as low band (up to 88 MHz) coverage.

Acknowledgments to Grove Enterprises; this information came from them. They are selling the PRO-43 for $300 which is $50 less than Radio Shack. I have no connection with them other than as a satisfied customer.

PRO-43
Cellular Frequency Restoration and Low Band Expansion

Note: It is not lawful to monitor cellular or conventional mobile telephone conversations.

The following procedure requires familiarity with microcircuit soldering and will violate your warranty. Grove Enterprises assumes no liability resulting from its attempt, nor will accept the modified scanner for return under any condition.

TOOLS NEEDED: Fine point, low power soldering pencil; solder wick or a desoldering tool; pointed awl, hemostats or pointed tweezers; small Philips screwdriver; solder.

1) Remove the battery, antenna and back cover (held in place by four screws).

2) Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up from the board. Carefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3) Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4) Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labeled D1-D5 above it. Only diodes D1, D2, and D4 are present; assisted by a pointed tool, unsolder and remove D4, the lone diode (this restores cellular frequencies which will be searched in 30 kHz steps).

5) Resolder the removed diode carefully into position D3 to extend low band coverage to 88 MHz.

6) Reassemble the boards, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency between 870 and 890 MHz (cellular) and 51-88 MHz (low band).
--

A. Ray Miller
arm@super.org | armille@afterlife.ncsc.mil

==========

From: ross@novax.llnl.gov
Date: 19 Aug 92 16:51:08 GMT

Here is my keypad beep delete mod for the RPO-43:

1. Remove battery.
2. Remove back cover (4 screws).
3. Remove top board (6 screws, desolder two antenna connections and bend antenna ground lead up out of the way). Be careful of black connector at bottom of board. Flip board over and lay aside (wire connectors need not be disconnected).
4. Remove middle board (remove 2 screws and wire connector). Be careful of two multi-pin connectors along underside of board. Set middle board aside.
5. Locate 10 pin connector on side of bottom board (labeled CN3). Note that one end of connector has pin 10 labeled as such. Count back to pin 6 and bend pin 6 ninety degrees towards the large RF shield. Make sure the bent pin clears the RF shield.
6. Reassemble and your done OR do the cell mod since you are so close.

Have fun. Gary Ross >usual disclaimer>

Subject: Improved audio for the PRO-43 portable scanner
From: parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S)
Date: Wed, 2 Dec 1992 01:15:35 GMT

IMPROVED AUDIO FOR THE PRO-43 SCANNER

by Bob Parnass, AJ9S

The Radio Shack PRO-43 scanner audio is too bassy.1 The lack of treble makes it difficult to hear the PRO-43 in noisy situations, especially while listening in a car or truck. Louis Shirley sent me a schematic and suggested I remove C341, a tiny 0.015 ufd surface mount capacitor.

I'm glad to report that removing C341 made a great improvement. The audio is now much "crisper," more like the Uniden 200xlt, although still not quite as loud. Turning the volume control up still overloads the PRO-43's small, internal speaker, but there's less need to do that once C341 is removed.

The PRO-43 contains 3 printed circuit boards, and the middle (second) board contains the audio circuitry. Finding C341 is difficult, as it is neither marked with a value nor a component designation. It is located on the foil side of the middle board, under IC304, an LM386 amplifier IC. C341 is in parallel with, and physically next to, R350 (33,000 ohm). R350 is slightly larger than C341 and is marked 333. Both R350 and C341 are connected between pin 2 of the LM386 and ground.

A Note About 50-88 MHz Reception

Now that I have a schematic, I see that the European version of the PRO-43 has different coils and capacitors in the low (mid) band front end filter. That explains why the 75 MHz sensitivity isn't stellar after adding diode D3 to enable 30-88 MHz coverage.

---

1. See "PRO-43 Product Review," by Bob Parnass, AJ9S, in the November 1992 RCMA Journal.

--
Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com - (708)979-5414

Subject: S-Meter for PRO-43
From: schuster@panix.com (Michael Schuster)

Found this on the Fidonet scanner echo:

=====begin quoted text=================

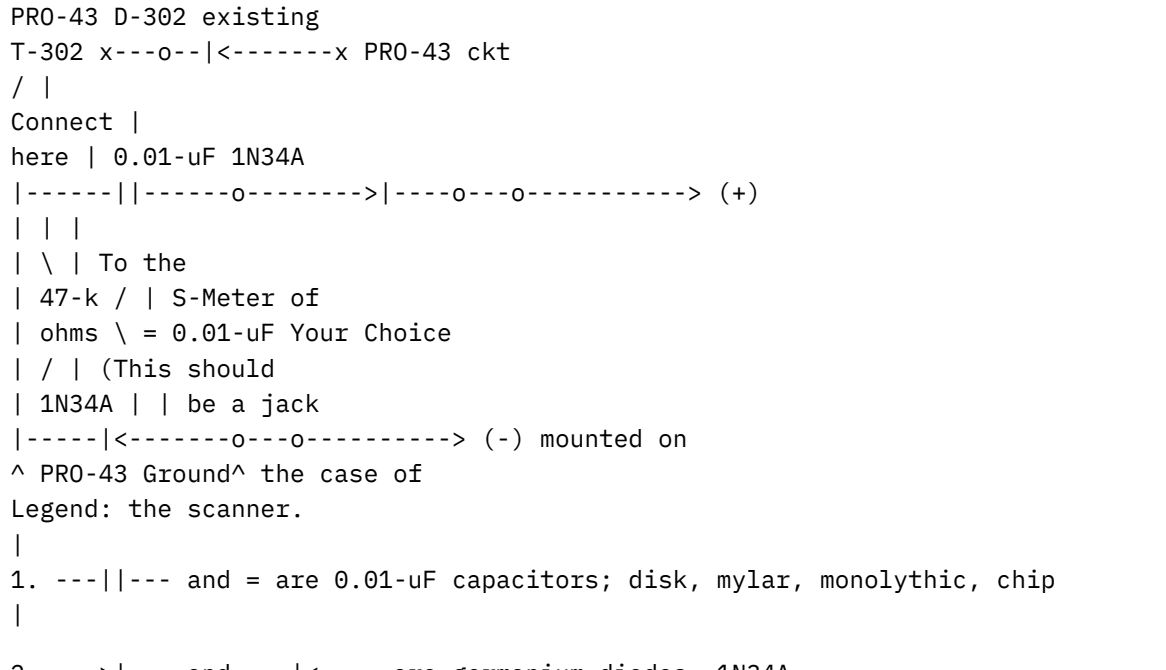
Date: 02-06-93 00:24
From: Bill Cheek
To: All
Subject: PRO-43 S-Meter!

Greetings Scanner Fans!

It had to happen! The fundamentals for an S-Meter exist alive and well in the PRO-43! Only a simple circuit and your choice of meter, analog or LED, is required for a jim-dandy S-Meter function!

The key point in the circuit is the cathode of D-302 located on the bottom (solder side) of the AF Board (middle board). You will need the Service Manual for the PRO-43 to find it as it's not marked and it would take me 10,000 words to guide you to exactly where it is located. Call Tandy National Parts at (800) 442-2425 to order your manual: approx $10. Now here is the deal:

Locate D-302 and either build the following circuit right there on the back of the AF board in the vicinity of D-302, or solder a wire to the cathode of D-302 and route it to somewhere else more convenient to feed the below circuit. This wire ought not to be very long, though, say not more than a couple of inches. Refer to the ASCII schematic diagram as follows:



1. ---||--- and = are 0.01-uF capacitors; disk, mylar, monolythic, chip

2. --->|--- and ---|<---- are germanium diodes, 1N34A
| is cathode
< is anode

3. o means a connection, preferably soldered

4. The 47-k resistor is self-explanatory, I hope.

5. -------- and | are wires/conductors.
|
|

6. x is existing PRO-43 circuitry

If you use an analog meter, preferably a real S-Meter like salvaged from an old junked CB rig, then rig it as follows to connect to the circuit above:

```
5-k Trim Pot
(+) --------/\/\/\/\---o--------|
| | |
This should |-------| |
be a plug of +
some sort to The S-Meter
connect to the Terminals
mating jack on -
the scanner |
|
(-)----------------------------|
```

You can also build the 10-segment LED S-Meter as shown in Volume 2 of my SCANNER MODIFICATION HANDBOOK, available from leading mail order radio dealers everywhere. ISBN 0-939780-14-3 published by CRB Research Books, Inc. Commack, NY.

After connected and working, locate the PRO-43 very near a known strong transmitter, perhaps a ham transmitter, a police cruiser, your favorite security guard's handheld or right next to a cordless telephone, or anything else known to transmit a strong signal. Tune the scanner to the frequency, and adjust the 5-k trim pot above so the meter reads exactly full scale. All other signals will read proportionally lower to yield "relative signal strength" measurements! A hell of a circuit here, boys & girls! Have fun!

Developed & distributed by: Bill Cheek
COMMtronics Engineering
PO Box 262478
San Diego, CA 92196-2478

Ok to distribute, but credit appreciated. Thanks!

Bill Cheek

--- GEcho 1.00/beta+
* Origin: Hertzian Intercept, San Diego (6pm-1pm) 619-578-9247 (1:202/731.1)

======end quoted text====================

--
_____Mike Schuster_____
NY Pub. Access UNIX/Internet: schuster@panix.com | 70346.1745@CompuServe.COM
The Portal (R) System: schuster@shell.portal.com | MCI Mail,GEnie: MSCHUSTER

==========
<Standard Disclaimers apply>

Compiled for garfield.catt.ncsu, world.std.com and other FTP servers by:

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

From: bbb@kuhub.cc.ukans.edu (LORD BB)
Subject: PRO-43 w/400 CHANNELS HERES HOW!

IT IS NOT FOR THE FAINT OF HEART however.

PRO-43 ENHANCEMENT
MEMORY EXPANSION & "FADE-AWAY" LIGHT
Brett Bennett 4/12/94
bbb@kuhub.cc.ukans.edu
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INTRODUCTION

The following document details two enhancement modifications that are possible on the Radio Shack PRO-43 scanning radio. The first modification doubles the factory standard memory capacity, allowing you to enjoy an additional 200 channels of memory, plus 10 more monitor memories. After completing the first modification, it is a fairly simple matter to add a 7 to 10 second delay feature to the LCD back-light lamp circuit. I designed and performed these modifications on my PRO-43 and they do work. As I understand it, there (has been/is being) presented in WORLD SCANNER REPORT a similar memory expansion. I have not seen this modification and for all I know it is a better way of doing it. What is presented is a 'clean-room' design of my own that to the best of my knowledge is the only one to also offer a time-delay for the LCD back-light. Having said that, let me say:

I ASSUME NO RESPONSIBILITY FOR ANYTHING THAT MIGHT HAPPEN TO YOUR RADIO SHOULD YOU OR ANYONE ELSE ATTEMPT THESE MODIFICATIONS. WHILE REASONABLE CARE HAS GONE INTO THE PREPARATION OF THE FOLLOWING DOCUMENT, I CAN NOT GUARANTEE THAT THERE ARE NOT ERRORS.

The procedure described below is very complicated, and involves the soldering and desoldering of very tiny components and the cutting of printed circuit board traces. While the procedure is not irreversible, it will leave permanent scars inside your scanner. It should only be attempted by someone with moderate to advanced electronics experience. I don't think it should be attempted by, to quote someone else, a "weekend technician." If as you read through this you feel intimidated by the jargon and required procedures or if an electronic schematic looks like a strange piece of modern art to you, then this might not be the 'mod' you are looking for. The following document will assume you have obtained the materials listed below, especially the Service Manual, and you have studied the circuit in some detail. I will not describe in great detail where every component is or where every solder point on the logic board should be placed. Having the Service Manual, and having studied the drawings therein will allow you determine to where it is I refer.

REQUIREMENTS

1 - PRO-43 Service Manual. (Tandy Parts # MS-2000300 - approx. $6.00)
1 - CD4053 - Triple - SPDT analog switch - Surface mount package (DigiKey #CD4053BCM-ND - approx. $1.50)
2 - 93C67 EEPROMs (Tandy Parts # MX-8050 - approx. $13.00/each)
1 - 100k x 5 resistor network. Common lead type. (DigiKey # Q5104)
1 - UN2111 PNP transistor (Q1 on Logic PCB. Tandy Parts #)
1 - 1 uF 16v capacitor.
1 - 10 MOhm 1/8-1/16W resistor.
Misc.:
Wire wrap wire-30 gauge. (Radio Shack)
Grounded soldering iron with approx. 1/32" tip or smaller.
Desoldering Equipment.
Digital Volt Meter. (Used to double check your VCC and Ground connections, pre-check switching assembly)
Utility knife with fresh sharp small blade. (Needed to cut traces.)
Strong hand held magnifying lens. (Needed to check solder joints.)
+5-10 Volt bench power supply. (Used to check switching assembly.)
Anti-Static work place and grounding wrist band.
Very fine needle nose pliers, wire cutters.

1440. Re: PRO-43 Modifications FAQ

Newsgroup: rec.radio.scanner
Date: 1995-01-31 03:04:40 UTC
From: gdallal@world.std.com
Message-ID: <D391vt.DFE@world.std.com>
Source record: 262063

Would someone send me the solderless (X-acto knife) extended RX modification so that I might include it in the FAQ?

Thanks.

1441. Re: RS PRO-2027 MODS?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 04:31:05 UTC
From: SSouva@XMission.Com
Message-ID: <3gkee9$lat@xmission.xmission.com>
Source record: 262064

In article <3gita4$r6s@ef2007.efhd.ford.com>, tbohr1@ed8751.pto.ford.com says...
>
>Hello all:
>
>I just got a Pro2027 unit, 100 ch base double-conversion unit. Anyone know if
>this is modifiable for full 800Mhz? Its got an "2A4" sticker on it. I checked
>oak.oakland.edu and nothings there for this model.
>

Move diode D35 to the D34 position. The diodes are located next to the IC5 chip. I believe that these are surface mount diodes.

Good luck.

--
/ Scott D. Souva / Layton, Utah USA
/ KA2AEW / Southwest Research Institute
/ SSouva@XMission.Com / Research Analyst

1442. Arabic Stations

Newsgroup: rec.radio.scanner
Date: 1995-01-31 05:02:38 UTC
From: khaled@owlnet.rice.edu
Message-ID: <3gkg9e$450@larry.rice.edu>
Source record: 262093
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Could someone help me with any frequencies for Egyptian or Arabic
radio stations or tell me where I can get them from .. Thanx

Khaled

1443. Re: President Clinton

Newsgroup: rec.radio.scanner
Date: 1995-01-31 05:36:37 UTC
From: robert@eden.com
Message-ID: <3gki95$ngu@boris.eden.com>
Source record: 262021
Cross-posted to: oau.news,alt.radio.scanner,rec.radio.scanner

Well try secret service on charlie 165.375 or baker 165.7875 or oscar 165.8875 tango is 164.650 but the guys talking into their wrists use about 407-409 mhz radios.. try getting ahold of an interceptor in case they are frequency hopping radios

1444. AOR 1000 ??

Newsgroup: rec.radio.scanner
Date: 1995-01-31 05:50:21 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3gkj2t$dd7$1@adelaide.DIALix.oz.au>
Source record: 261927
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Whats everyones views on the AOR 1000xlt scanner? Good buy or not.

Cheers matthew@adelaide.DIALix.oz.au

PLEASE EMAIL ME!!

1445. Re: Seeking Ca. EDIS freqs.

Newsgroup: rec.radio.scanner
Date: 1995-01-31 05:57:27 UTC
From: kjn@netcom.com
Message-ID: <kjnD399vr.7tp@netcom.com>
Source record: 262066

I had asked:
" Anyone here in California have a listing for the frequencies used to
" broadcast the ASCII EDIS bulletins in the metropolitan areas?

For the San Francisco Bay Area I was told it was on 450.0375 Mhz.

thanks to all.
Ken
--

1446. Pro43 batt drain?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 06:50:43 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3gkmk3$o3i@tiger1.ocs.lsu.edu>
Source record: 261991

Has anyone else had the problem of their pro43 draining the batteries while the unit is off? I've been messing w/ one that is doing this and it's got me mystified. I haven't figured out exactly how much is being used when it is off, but mildly weak batteries will be dead in 3-4hrs. Is this normal?
Dave

1447. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-01-31 07:04:47 UTC
From: David Josephson <davidj@rahul.net>
Message-ID: <3gknef$g0b@hustle.rahul.net>
Source record: 262067

In <3ghtpg$mp6@newsbf02.news.aol.com> reza@aol.com (Reza) writes:

>I have a couple of questons about SCA broadcasts that I would appreciate
>if anyone could clarify.

>1. What is the typical/max bandwidth of an SCA broadcast. I want to know
>how good a quality sound can you expect from an SCA broadcast. I seem to
>recall seeing an SCA kit in one of the electronics magazines with stereo
>output. Is that possible?

Possible but not likely. The rules are fairly vague - a stereo FM
station can put any kind of subcarriers it wants between 53 and 99 kHz
(mono FM stations can use 20 - 99 kHz) but the sum of all the subcarriers
and their modulation must be less than 20% of the full 75 kHz deviation
for stereo stations, or 30% for mono stations (and the subcarriers
above 75 kHz must total less than 10% deviation of the main carrier).
Most SCA transmissions are double sideband AM and limited to a few
kHz of bandwidth (5 to 10). See 47 CFR 73.319 (FCC Rules).

>2. Do FM stations ususally broadcast only one SCA program? I.e. is it
>possible/normal for a station to send a program at 67KHz and another one,
>say at 92KHz?

No certain limit. Like a foreign language and background music, or a few
kHz of paging, so long as the total bandwidth and deviation limits
aren't exceeded. The income from SCA's usually doesn't offset the
extra "loudness" that's lost ... competitive stations who spend a lot
on being loud and think that this boosts their ratings tend not to
have SCA's.

--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

1448. BC55XLT

Newsgroup: rec.radio.scanner
Date: 1995-01-31 07:33:48 UTC
From: kz2l@delphi.com
Message-ID: <9501310233591.The_Win-D.kz2l@delphi.com>
Source record: 262068

I'm looking for a Bearcat BC55XLT service manual. Do I have to get it from Uniden or are there any alternatives? Any help will be greatly appreciated.

Thanks,

Ken Coyne
KZ2L
kz2l@delphi.com

1449. For Sale: Pro-2024 60 Channel scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-31 08:09:56 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <D39G0K.1CD@freenet.carleton.ca>
Source record: 262069

```
Pro-2024 60 Channel scanner for sale.
Coverage:
30-54MHz
138-174MHz
380-512MHz
Comes with antenna, no manual.
$50.00 including shipping.
--
Life's to short to worry... :)
```

1450. Re: 855XLT Mods

Newsgroup: rec.radio.scanner
Date: 1995-01-31 09:28:19 UTC
From: rumcd@pln.com
Message-ID: <19950131.7AB5610.88F1@pln.com>
Source record: 261982

So, do you want me to pull my damn scanner apart and find out the mod? E-mail
me if all else fails.

1451. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-01-31 09:34:55 UTC
From: gazerz@aol.com
Message-ID: <3gl07v$t2v@newsbf02.news.aol.com>
Source record: 262071

To reply to my last post, Metro Traffic in NYC/LI/NJ are scrambling their signal starting today. Oh well....there go my morning reports!

1452. Re: GUIDE TO AOR 1000 book

Newsgroup: rec.radio.scanner
Date: 1995-01-31 09:50:04 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <791545804snz@javiaton.demon.co.uk>
Source record: 262023
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1f1.3748.1669@the-boss.com>
dominic.post@the-boss.com "Dominic Post" writes:

> Design Equilibrium
> P. O. Box 1245
> Menlo Park, CA 94025
> Voice/Fax 415-328-9181
> Internet 76147.637@cis.com
^^^^^^^....I think this should
be 76147.637@compuserve.com not @cis.com @cis.com
--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \--
Internet : Clough@javiaton.demon.co.uk (Note missing "i" in Javiation !)
--/

1453. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-31 09:57:23 UTC
From: adamatt@aol.com
Message-ID: <3gl1i3$h6@newsbf02.news.aol.com>
Source record: 262072

>I can't believe the Radio Shack counter is sooo cheap compared to the
>others..

But, Is the Radio Shack counter as GOOD as the others?!? :)

(Not Hypothetical-- Would appreciate an answer)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
::::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1454. * * * Pro-51 For Sale * * *

Newsgroup: rec.radio.scanner
Date: 1995-01-31 10:32:17 UTC
From: infoline@aol.com
Message-ID: <3gl3jh$1tk@newsbf02.news.aol.com>
Source record: 262073

Mint condition Pro-51 Police Scanner....
Unit comes with Charger, Manual and Factory Antenna

Asking $185.00

Call Todd Mc Govern
908-922-3937
E-Mail INFOLINE@AOL.COM

1455. Re: Pro 43 Intermittant

Newsgroup: rec.radio.scanner
Date: 1995-01-31 11:17:33 UTC
From: drb@rmii.com
Message-ID: <drb.15.004EEE9B@rmii.com>
Source record: 261831

In article <3g9k3u$1qg@beyond.escape.com> romulus@escape.com (romulus) writes:
In article <drb.7.006575BB@rmii.com>, Dan R. Berthelot <drb@rmii.com> wrote:
>: >I have a "modified" RS Pro43. Sometimes I turn it on and it recieves fine.
>: >Mostly police and fire calls. Other times I turn it on and nothing except
>: >hash if I turn the squelch down. I leave it on most of the time and it
>: >seems to work when it feels like it. Anyone else expierence this?

>: Nope.

>: Sounds like you have a loose connection somewhere.

>:: Mike Schuster | schuster@panix.com |
70346.1745@CompuServe.COM>: ------------------- | schuster@shell.portal.com |
GEnie: MSCHUSTER>Maybe your forgeting to swith it to am or fm.

Oh gee! I had it on the oldies channel. Sorry to have bothered you.

1456. Re: NYC EMS FREQs

Newsgroup: rec.radio.scanner
Date: 1995-01-31 11:52:03 UTC
From: hglassma@daniel.drew.edu
Message-ID: <1995Jan31.115203.115247@daniel>
Source record: 261762

In article <D34u73.GnJ@dorsai.org>, hank167@news.dorsai.org (Hank Eisenstein) writes:
> Can anybody help me find the frequencys for NYC EMS? They're the only
> NYC emeregency service I don't have.

As follows:

477.8375 Bronx South
478.2125 Bronx North
478.2625 Brooklyn Central
477.9125 Queens
477.8625 Brooklyn North
478.0125 Citywide -Used for MCIs & by supervisory personnel-

800 MHZ:
854.9875 - Brooklyn South & Richmond (SI) **Not on the trunked sys**
855.9875 - Manhattan North **Not on the trunked system**

856 - 860.9875, 860.7375 - Trunked system with the following channels:
Manhattan Central dispatch, Manhattan South dispatch, 800 mhz
Citywide, Direct channels between all borough dispatchers and
supervisors, Inspectional Services Unit, Telemetry Control, Roadside
Repair, and many others.

All together there are 10 dispatch channels (including Citywide).
The channel with the most activity is probably Queens with well over
50 ambulances operating at any given time on the one channel for that
borough.

1457. Re: Whitehall, Oh frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-31 13:33:32 UTC
From: tomswisher@aol.com
Message-ID: <3gle7c$1as@newsbf02.news.aol.com>
Source record: 262074

Whitehall Police use 460.250.
Whitehall Fire rents subfleet space on
****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

1458. Re: 150 to 153mhz help needed

Newsgroup: rec.radio.scanner
Date: 1995-01-31 13:38:50 UTC
From: tvine@aol.com
Message-ID: <3gleha$1l3@newsbf02.news.aol.com>
Source record: 261977

your cb radio will do you no good unless your brother is transmitting on a cb. You're no doubt using the scanners supplied 'rubber duck' antenna, which is why your reception is limited. This is normal. If your co-horts are also receiving in 150mhz with elevated antennas, these are probably VHF antennas installed on some sort of mast for increased range.

<cb's operate in 27mhz. The bc 200 does not receive that low...>

1459. Re: Bearcat scanning error

Newsgroup: rec.radio.scanner
Date: 1995-01-31 13:40:18 UTC
From: tvine@aol.com
Message-ID: <3glek2$1ns@newsbf02.news.aol.com>
Source record: 261978

I assume you mean bearcat 200.......the portion of the freq spectrum you
are trying to monitor is not available on this scanner.
Certain gaps are put in at the factory. There are many scanners available
that have coverage in this area....

1460. Re: FCC Service Codes Question...

Newsgroup: rec.radio.scanner
Date: 1995-01-31 13:41:32 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.241.0007B16E@chevron.com>
Source record: 261975

In article <3fuo3g$r3d@news.halcyon.com> scanware@myhost.subdomain.domain (Scanware Associates) writes:

>I need some help with two FCC Radio Service Codes that I don't
>know the meaning of. The codes are PM which I think might be
>something like Public Safety-Medical.....and the other is
>IV which I am at a loss to explain without guessing. It seems
>like things that are often found in the IB class...businesses
>but there doesn't seem to be a common 'thread' to the businesses.
>Any help would be much appreciated.
>Please e-mail any replies or leave them here.
>Thanks!

Correct, PM is emergency medical.

The only industrial services I know of are:

IB Business
IF Forest products
IM Film and video production
IP Petroleum
IS Special industrial
IT Telephone maintenance
IW Power
IX Manufacturers

No IV listed in part 90. There is an LV in the Land Transportation Service.

Good Luck

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1461. Re: 150 to 153mhz help needed

Newsgroup: rec.radio.scanner
Date: 1995-01-31 13:48:53 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Jan31.134853.15617@ke4zv.atl.ga.us>
Source record: 261980
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <1995Jan30.185452.28937@schbbs.mot.com> P22407@email.mot.com writes:
>
>I am new to this, but I am wearing my asbestos boxer shorts, so flame away
>if you feel the need.
>
>My brother has started racing SCORE off-road (Baja 1000, etc.), and I have
>offered to run chase & logisics support for him. The radio he has in his
>racecar has 10 channels in the ~ 150 to 153mhz range for communications
>with various pits and race officials. The only radio equipment I currently
>have is a CB in my truck and a Uniden BC200XLT scanner.
>
>First question:
> I found out the antenna on my scanner only works when he is within
>a few miles of me. Other teams use a large antenna mounted on a mast. Could
>I use a 2 meter antenna and tune it for reception in this range? Or better
>yet does someone have a good design (I have much more time, tools, and
>materials than money) for a omni-directional antenna? The connector going
>into my scanner is a male BNC.

Yes, you certainly can make a good antenna from just some copper plumbing pipe and fittings. The antenna design is called a J-pole, and if you'll ask for the plans in the rec.radio.amateur.antenna group, someone will Email you the ASCII art, or you can look it up in the ARRL Handbook or Antenna Book (available at many libraries). It's a simple antenna that's 54 inches tall for 2 meters. For the frequency you need to receive, it will be about 51 inches tall.

You can scale the dimensions of any antenna by multiplying the dimensions listed at frequency X by X/Y where Y is the new frequency. Example, a 54 inch element at 144 MHz will be 54*144/152=51.16 inches at a frequency of 152 MHz.

>Second question:
> Once I have a good antenna, could I use a tubular aluminum pool
>brush handle for a mast (~20' long)?

Sure can. If you build the J-pole with a "tail", it can be made to be a slip fit over your brush handle. To do this, use a Tee fitting in place of one of the 90 degree elbows in the J-pole design.

Now you might actually want to build a yagi beam antenna instead. This will have more gain than just a vertical, but you'll have to know what direction to point it. That shouldn't be a problem in your application. You can make a beam from a piece of 2x2 wood and some welding rods for elements. Check out the ARRL Handbook or Antenna Book for plans. Scale

the dimensions as mentioned above for the frequency of interest. Clamp it to your mast with a U-bolt.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1462. Re: Bearcat scanning error

Newsgroup: rec.radio.scanner
Date: 1995-01-31 14:24:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.111.000E68F5@ccm.hf.intel.com>
Source record: 261998

In article <D38Cvn.FpL@indirect.com> atfnut@indirect.com (Robert Dorsey) writes:

>Would anyone know why I get an error while scanning wireless
>mike frequencies at 174.000 to 210.000, and what can be done
>to repair this. I'ts a bearcat 2000 series. Also, is wireless
>frequency the bug frequency. Any help is greatly appreciated.

I don't know what a 2000 series is. If it is a 2500XLT then you shouldn't
have any problem in that range. If you mean a 200xlt, then your scanner does
not receive this frequency range and the disply will show "error"

I'm not sure I understand your wireless question, but there are professional
wirless mics in this frequency range and you may find "bugs" in this range too.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1463. Re: Cell phone antenna for scanner?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 14:26:26 UTC
From: domonkos@access.digex.net
Message-ID: <cGaBliubGAuT066yn@access.digex.net>
Source record: 261976

In article <19950129.174523.638492.NETNEWS@UICVM.UIC.EDU>, Ed Gordon wrote:

> Well, it would work for cellular, and would extend into other bands
> (400-500 MHz), but wouldnt be exactly 'high-gain' on other bands, and of
> course, the farther away from 900 MHz you went, the worse the reception
> would be (yes, there is improvement at the "multiples" of 800-900 MHz,
> such that, if it were a 5/8 wave at 800-900, it might be a 1/4 wave at
> 300 or something... needs to be figured out)... he best way is to plug
> and play and see how you like the results.
>

I recommend one highly! I use a mag mount Radio Shack cell antenna w/adapter
and it works great, 30 - 900 Mhz! Sure, not high gain on 30 - 50 but
at least you wont get overloaded, (except for 800 -900, lots of overload
in the metro-RF saturated are). Plus, it is a nice way to hide the fact you
have a scanner in the car.

BTW, DO NOT use the thru glass variety, it won't work except for 800 - 900
since that's where the coupling mechanism was designed for.

Andy

1464. Re: Shoreline Amphitheater Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-01-31 14:30:10 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.112.000E812C@ccm.hf.intel.com>
Source record: 261999

In article <3gjgfe$sml@crl9.crl.com> lmj@crl.com (Loretta) writes:

>I've tried Police Call, Beyond Police Call and Bay Area Frequency
>Directory. Any one have an idea of what they are?

>Thanks,

>Loretta

These will be in the business band since Shoreline is a private facility. Its anybody's bet what name is on the FCC license application. You may want to just go there on the night of a concert and turn the squelch way up and search the business bands.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1465. Pa 800 mhz system Question

Newsgroup: rec.radio.scanner
Date: 1995-01-31 15:03:44 UTC
From: ruhe@vms.cis.pitt.edu
Message-ID: <3gln2b$a5s@usenet.srv.cis.pitt.edu>
Source record: 261979

I just bought the 1995 Police Call, and found under the Commonwealth of Pennsylvania that there is a large listing of 800 mhz frequencies. Rumor several years ago that a state wide 800 mhz system was not cost effective and would not be purchased. Does anyone know about this system ?? Who is using it if it is on the air ?? Or have the frequency been assigned for future use. Thanks for your assistance -Dan-

1466. Re: Why is the Icom CT-17 so Expensive?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 15:18:28 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.114.000F4F3F@ccm.hf.intel.com>
Source record: 261558
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <jgardnerD38s8n.HCq@netcom.com> jgardner@netcom.com (Jerry Gardner) writes:

>Why is the Icom computer interface, CT-17, so expensive? I've always
>thought that it is simply a level converter.

>There is an article in July 1993 (or maybe 1992) QST that describes
>the construction of a CT-17 equivalent. This little circuit uses four
>common transistors and a few diodes, caps, and resistors with a total
>parts cost of about $4. Why, then, does the Icom CT-17 cost over $100??

Why ask why?
because the sky is blue
Icom is crazy
they only made 2 of them and don't want to run out
the level converter factory burned down and the supply ran out
inflation
dollar to yen ratio
Japanese plot to overthrow the free world
a home made converter wouldn't say ICOM on it
If you can afford an ICOM, you can afford the CT-17

:-)

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1467. Re: Pro2005/Pro2006

Newsgroup: rec.radio.scanner
Date: 1995-01-31 15:40:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.115.000FAF1F@ccm.hf.intel.com>
Source record: 262003

In article <3ghqpg$hth@empire.texas.net> empire@texas.net (Charles G) writes:

>I am shopping around for a scanner that I can manipulate with my PC. The
>software/interface is availble for the RS PRO2005 or the 2006. What are the
>differences in the two radios?

The only real difference is a faster scan rate with the 2006 "Hyperscan" as
they call it. The 2006 may have a backlight on/off switch rather than the
dimmer switch. Go for the 2006 unless there is a big price difference.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1468. Re: California AM/FM Broadcast Listings on Internet?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 15:48:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.116.000FCFE9@ccm.hf.intel.com>
Source record: 262004

In article <3ghu0f$mqn@newsbf02.news.aol.com> reza@aol.com (Reza) writes:

>I know this might sound boring to scanner fans but can anyone point me to
>a source for the lisitng of commercial AM/FM radio stations in Southern
>California. I would appreciate any online source such as a bbs but I'd
>hate to pay $30 for book on Am stations and $19 for another on FM stations
>just to get this list.
>Thanks in advance.

Usually, the local yellow pages will list all radio stations in the area.
Check it out.

There are some listed on some of the web sites that I have posted in the past,
but it is not a comprehensive list for the LA area.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1469. Re: PD Drops 10-codes

Newsgroup: rec.radio.scanner
Date: 1995-01-31 16:04:29 UTC
From: richard.baxter@informal.com
Message-ID: <95020104500782@informal.com>
Source record: 261942

Bill, this is amusing, some departments use the term "grab" instead of "collar." I like that, "We're gonna grab this guy on one of your warrants." It really ads some color to the situation!

1470. FS: ICOM R-1 $500

Newsgroup: rec.radio.scanner
Date: 1995-01-31 16:07:42 UTC
From: rsharp@paul.spu.edu
Message-ID: <3gln8e$kmg@adam.spu.edu>
Source record: 261935
Cross-posted to: seattle.forsale,pnw.forsale,misc.forsale.non-computer,alt.radio.scanner,rec.radio.scanner,rec.radio.swap

I previously had the scanner priced at $575, but after much adoo- I am offering it at a reasonable price of $500.

I do alot of business on the net, and understand the normal haggling process, and engage in it myself, but I am set in this price.

Well, the R-1 that has the 800-900 blocked is $479.95 + the battery case that holds AA's is $22.95 + the carrying case without external battery is $18.95 + the carrying case for the external battery case is $18.95 and shipping is $6. That is a total of $546.80. Bought locally would subtract the shipping but then include the tax making the total $586.75.

Now since $546 is what anyone can get it for today if they went by mail (and today it is only the blocked models), I would be willing to sell it for $500.

I realize that is only a $46 dollar savings... but again, the radio has been used maybe three times, it has been in it's original box, wrapped in each item's original plastic, sitting on my shelf. If you got it from a vendor, you simply wouldn't know ow it's used except that it has all the channels programmed. I am not exaggerating when I say it's new looking! It has never been dropped, exposed to moisture, extreme temperature, or children. Guarranteed not DOA.

Will send you a color brochure in advance if you wish. Just send me a self addressed stamped envelope:

3307 3rd Avenue West #1363
Seattle Pacific University
Seattle, WA 98119-1997

1471. Re: Calculator

Newsgroup: rec.radio.scanner
Date: 1995-01-31 16:23:53 UTC
From: dkm@col.hp.com
Message-ID: <3glo6p$3e6@nonews.col.hp.com>
Source record: 261981

My Pro-43 will lock onto audio signals from one of my CD players. The audio from the CD can be heard fairly clearly on several frequencies and distances of up to a meter away from the CD player. Even with the audio leads removed and a full metal case for the CD player, there still seems to be a fair amount leakage though the plastic front panel.

Dave Martin - dkm@col.hp.com

1472. Re: Cellular channel/Frequency chart as asked for

Newsgroup: rec.radio.scanner
Date: 1995-01-31 17:39:12 UTC
From: dxk21@po.cwru.edu
Message-ID: <dxk21.150.2F2E75BF@po.cwru.edu>
Source record: 261983
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <D325L7.6yF@world.std.com> mike@world.std.com writes:

[cellular chart deleted]

if one were to try to listen to a conversation, would they just punch
in the two freq's for a particular channel and scan back and forth, or
is there more to it like one conversation skipping around to different
channels?

dk

p.s. sorry if this is a FAQ, but i'd be interested in any info or references
to other places.

1473. Is Pro36 Modify-able?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 18:06:42 UTC
From: todd@banana.dis.fedex.com
Message-ID: <1995Jan31.180642.25186@banana.dis.fedex.com>
Source record: 261984

I have a Pro-36 scanner (Radio Shack). Can it be modified to
pick up the cellular phone frequencies? If so, where can I
get information about how to do the modification?

Thanks,

Todd

Disclaimer: Opinions expressed are my own....

1474. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-01-31 18:54:51 UTC
From: haynes@cats.ucsc.edu
Message-ID: <3gm11r$a03@darkstar.UCSC.EDU>
Source record: 261985

In article <791507284.155snx@n2ayj.overleaf.com>,
Stan Olochwoszcz N2AYJ <n2ayj@n2ayj.overleaf.com> wrote:
>In article <8A244F3.0278000F51.uuout@outland.raleigh.nc.us>
terry.mccarty@outland.raleigh.nc.us writes:
>>
>>Here is an interesting article I picked up from a local BBS.
>>
>> WHY RADIO AMATEURS ARE CALLED "HAMS"
>> From Florida Skip Magazine - 1959
><snip>
>
>AAAARRRRRRRRRRGGGHHH!!!!!! Help, Mommy, it's back. Make it stop!
>
>
>--
>Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com

No, make five copies and send them to five other people, making sure that
one of them is Craig Shergold.

1475. 380-412 Mhz band

Newsgroup: rec.radio.scanner
Date: 1995-01-31 19:08:50 UTC
From: c570074@mizzou1.missouri.edu
Message-ID: <c570074.17.2F2E8AC1@mizzou1.missouri.edu>
Source record: 261986

Does anyone have any idea on what the 380-412Mhz band is used for? I know that just below this is used by commercial and military aircraft, and just above this is used by some public service and private organizations, but I've never heard of anyone using the above band. But for some reason Radio Shack decided it was a good band to have on some scanners.

Any info is gladly appreciated. Thanks.

Chris Schlanger
Boone County Fire District
Columbia, MO
University of Missouri Medical School
Columbia, MO
c570074@mizzou1.missouri.edu

1476. ***** ANNOUNCING PC-MONITOR v4.03 PC control of FRG-8800 *****

Newsgroup: rec.radio.scanner
Date: 1995-01-31 19:12:57 UTC
From: scollin@sapphire.win-uk.net
Message-ID: <253@sapphire.win-uk.net>
Source record: 261987
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

A long time ago I wrote commercial DOS software to control the FRG-8800.

PC-MONITOR provides a simple to use text based interface to control a Yaesu FRG-8800 HF communications receiver using an RS-232 connection via the FIF-232C interface (or equivalent).

The project started life as public domain software, flourished and got superceded by other commercial projects. Now I have decided to put one of the commercial versions (v4.03) into the public domain FREE!!!

The program is now available as /pub/ham/rigctrl/monitor.zip at ftp.funet.fi.

The last version of PC-MONITOR, version 5.01, is still available commercially and offers support for other radios and a host of other features. E-mail me for more details.

Enjoy!

Simon

Simon Collings, G4SGI
Cheltenham, Gloucestershire, ENGLAND

1477. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-01-31 20:08:01 UTC
From: dale@aloha.com
Message-ID: <3gm5b1$nd2@mango.aloha.com>
Source record: 261988

In article <3g8nl8$jut@news.usis.com>
odium@usis.com (Odium) writes:

> A frequency counter is multimeter, a device used by electricians and
> engineers to test voltage, current, resistance, and other fun stuff in
> circuits. What *you* mean is scanner. They go from $90 - $1000+. As for
> brand, I like the Trident TR-2400. But it all depends on what you want
> to listen to.

I was going to post a long instructional message teaching you the
differance between a frequency counter and a MULTImeter, but having
read the followup messages I see that you have been properly chastized
for you mis-information.!!

Shame on you.!@!!!!

1478. Re: New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 20:12:48 UTC
From: dale@aloha.com
Message-ID: <3gm5k0$nd2@mango.aloha.com>
Source record: 261989

In article <3g8nff$jut@news.usis.com>
odium@usis.com (Odium) writes:

> : I read in some thread here that the new Federal law that now prohibits
> : listening to cordless phone conversations also prohibits listening to
> : auxiliary news traffic (such as traffic choppers, etc). Is this really
> : true? If so, what is supposed to be the rationale? I thought the
> : airwaves were free, and that there is no presumption of privacy on these
> : channels.
> The part about the cordless phones is correct. I'm not sure about the
> traffic choppers, but one reason would be that other news organizations
> could be listening and stealing stories.

I don't think so... Some states have enacted STATE laws that protect
cordless phones from evesdropping, but the Fedral Law (ECPA)
specifially exempts cordless phones from its protection.

Is this another example of mis-information like your calling a
frequency counter a Multimeter?

If factual, what is the name or number of this 'new' fedral law....???

1479. WANTED.... Call logging program for Windows.

Newsgroup: rec.radio.scanner
Date: 1995-01-31 20:17:53 UTC
From: John@dunebug.demon.co.uk
Message-ID: <424220055wnr@dunebug.demon.co.uk>
Source record: 261990

Can anybody give me any information about whether a call logging program which runs under Windows with sound blaster compatability is available on the Internet. I have looked everywhere that I can think of and have even contacted a group of radio amateurs but all to no avail. An FTP site address is all that I ask....

Yours hopefully.

Perceptions are an illusion, reality is percieved,
the truth is all that matters.

Dunebug. (John Steven)
John@dunebug.demon.co.uk

1480. Re: PRO-43 charging - help please

Newsgroup: rec.radio.scanner
Date: 1995-01-31 20:45:51 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6171@rook.ukc.ac.uk>
Source record: 261994

In article <3g42tf$jp@freenet.vancouver.bc.ca> sflynn@freenet.vancouver.bc.ca (Sean Flynn) writes:
>: Does anyone know if the charging rate changes if you charge and
>: run the scanner at the same time? It isn't clear in the manual if charge

The manual makes it pretty clear that the batteries will charge more slowly if you use the scanner while charging.

I think power consumption is about 45mA squelched, so if you subtract that from the current of the adaptor it might give an indication.

Personally I get a bit nervous about charging batteries inside the thing, and find that on the PWR jack that 7.5V is no different for operation than 9V.

--
"You do not have to say anything. But it may harm your defence if you do not mention when questioned something which you later rely on in court. Anything you do say may be given in evidence.

1481. Re: EUREKA!! New PRO-51 successfully modified to r

Newsgroup: rec.radio.scanner
Date: 1995-01-31 20:48:07 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6172@rook.ukc.ac.uk>
Source record: 261995

In article <3g5s8a$k4h$2@mhade.production.compuserve.com> Jeff Goldman
<76703.4224@CompuServe.COM> writes:
>Hold down 2,9 & BAND or 2,9 & MONI. You'll see all the display indicators
>light up repeatedly. At any time, just hold down 2,9 & L/O all at once.
>Within about half a second, you'll be in the Test Mode that has 888.96MHz

Are there any tricks like this for the Pro-39?
Mine has full 800MHz without gaps, but there is the massive 174-380
gap and no AM outside airband.

Do you risk erasing all frequencies doing this?

--
"You do not have to say anything. But it may harm your defence
if you do not mention when questioned something which you later
rely on in court. Anything you do say may be given in evidence.

1482. Cop-talk

Newsgroup: rec.radio.scanner
Date: 1995-01-31 20:50:53 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6173@rook.ukc.ac.uk>
Source record: 261996

What does "IC1" mean when referring to a suspect?

--
"You do not have to say anything. But it may harm your defence
if you do not mention when questioned something which you later
rely on in court. Anything you do say may be given in evidence.

1483. Looking for a PRO-2004 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-01-31 20:54:18 UTC
From: tdesai@rch233.eld.ford.com
Message-ID: <3gm81q$8lg@eccdb1.pms.ford.com>
Source record: 261993

I'm looking for a PRO-2004 scanner in good to excellent condition. Please call the number below or Email.

--

Regards,
Tejas Desai Email: tdesai@rch233.eld.ford.com
RF Product Design Engineer IBM Mail: USFMCTTG
Ford Motor Co. - Electronics Div. Phone: (313) 845 - 7330
16800 Executive Plaza Drive, Suite 328 FAX: (313) 323 - 6699
Dearborn, MI 48126

1484. Re: Could someone check "Beyond Police Call" for Pasadena, CA?

Newsgroup: rec.radio.scanner
Date: 1995-01-31 21:32:04 UTC
From: tcarnes@lightside.com
Message-ID: <3gma8k$a6n@covina.lightside.com>
Source record: 261997

In article <fischer1-270195104434@via-annex4-40.cl.msu.edu>, fischer1@student.msu.edu (Michael Fischer) says:
>
>Looking for police frequencies in Pasadena, CA...
>
>If someone could be so kind as to post Police frequencies from "Beyond
>Police Call" for me for Pasadena, Ca, I would be very happy.
>
>Sincerely,
>
>Michael Fischer
>fischer1@student.msu.edu
These aren't from beyond police call but they are from scanman. This is a shareware app that is basically
a text retrieval engine.

Guardian Ambulance 35.98
Hunningon Memorial 461.1
Tournament of roses parade 463.7625
463.4750
463.2875
Police Narco 172.5250
Police F1 (dispatch) 482.3375
Police F2 482.4375
Police F3 482.5375
Police F4 482.6375

These should still be operational. They worked as of 1 year ago.
If you need anything else for the greater L.A. area, just drop me a line
and I'll try to find it.

Todd..

1485. PRO 43

Newsgroup: rec.radio.scanner
Date: 1995-01-31 21:41:32 UTC
From: tturner@sam.neosoft.com
Message-ID: <tturner.4.0006F2A0@sam.neosoft.com>
Source record: 261743

I want to pick up a good portable scanner before all the modifiable ones are gone. I’m homing in on the Radio Shack PRO 43. Is this the best bang for the buck of the modifiable scanners that are left. Also, why did RS label some PRO 43’s Realistic and some Radio Shack. Which ones are newer? Almost all the PRO 43’s left are display units. I’ve always been leery about display merchandise, but if that’s all there is I have no choice. Any comments welcomed.

THANKS!

Terry

1486. PRO-43 Mod - Discrepancy

Newsgroup: rec.radio.scanner
Date: 1995-01-31 22:42:19 UTC
From: plymale@mousetrap.es.vt.edu
Message-ID: <3gmecb$sae@solaris.cc.vt.edu>
Source record: 262000

Jerry Dallal (gdallal@world.std.com) wrote:

: Which PRO-43 units can be modified for extended receive?

: Modifiable | Nonmodifiable
: |
: serial number no A in # | begins with A
: FCC-ID AA020-300 | AA020-300A

: Inside the battery compartment is a paper label containing
: the date of manufacture in the form "month A year". For
: example, 5A3 is May, 1993. The cutoff date after which units
: could no longer be modifiable is April, 1994 (4A4). So far,
: all units made before 4A4 are modifiable while all units made
: after 4A4 are not modifiable. There has been a firm report of
: a nonmodifiable unit with a 4A4 date of manufacture. There
: may be modifiable units with a 4A4 date of manufacture, but
: this has not been verified.

I have a PRO-43 manufactured 3A4 that has a serial number beginning
with 'A'. I have not disassembled it to see if the diodes in question
are present. Any idea whether or not it is modifiable?

Thanks ... Bill

--

William O. Plymale plymale@mousetrap.es.vt.edu 703-231-9530
Virginia Tech Information Systems KD4CIY

1487. New SF Bay Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1995-01-31 23:58:57 UTC
From: Dick Dillman <ddillman@igc.apc.org>
Message-ID: <APC&1'0'7cbf1ea8'eb9@igc.apc.org>
Source record: 262009

New San Francisco Bay Area Scanner BBS Now On-Line
~~~~~~

San Francisco Bay Area scanner enthusiasts now have a new place to meet electronically to exchange messages, data, frequency lists, equipment information and their views on the scanning hobby.

A new section, devoted entirely to scanning in the Bay Area, has been added to Environet, a long-time San Francisco BBS. The new section provides the following features for scanning enthusiasts:

* SF SCANNER - A local conference for Bay Area scanning enthusiasts

* SCANRADIO - The national Fido echo conference on scanning

* ON-LINE FREQUENCY SEARCH - Search a database of San Francisco radio licensees by frequency, licensee name, call sign or geographic coordinates

* FILES SECTION - Frequency files contributed by the Sysop and by users. Information files on scanner modifications, etc.

* HIGH SPEED ACCESS - All lines are equipped with Hayes 28.8k V.FC modems

* NO CLUBS, NO COST - No club membership is required to participate and there's never a charge to use the system

* NEW USERS WELCOME - Those new to the scanning hobby or new to using a BBS are welcome here

System Access Number: 415-512-9108 8N1 24 Hour Service
~~~~~~

To participate in this new Bay Area scanning section, dial Environet at the number above and log on with your first and last names. You'll provide your own password and be logged on as a new user. To find the Bay Area scanning section, select <C>-Conferences from the Main menu and select <R>-Radio/Scanning Special Interest Area from the Conference menu - and you're there!

Enjoy.

Regards,

Dick Dillman, Sysop

1488. BC2500 Cell Mods Please (lost mine)

Newsgroup: rec.radio.scanner
Date: 1995-02-01 00:31:16 UTC
From: egela003@maroon.tc.umn.edu
Message-ID: <egela003.791598676@maroon.tc.umn.edu>
Source record: 262005

Could someone please mail me the 2500 xlt cell mods or the site where they can be found. I lost mine when I threw out a lot of important papers by mistake. Thanks a lot.

Ryan Egeland
r_egeland@cc.colorado.edu
or egela003@maroon.tc.umn.edu

1489. Re: Help for a beginner!

Newsgroup: rec.radio.scanner
Date: 1995-02-01 00:31:35 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3gmkp7$m59@globalnews.globalvision.net>
Source record: 262006

nek@cbnews.cb.att.com (nancy.ann.keat) wrote:
>
>
> I need a little help here, I was just given a BC855XLT scanner and
> don't know where to start.
>
> What are the capabilities?
> Can I get a better antenna, and if so which one?
> What frequencies can I obtain?
>
> I hope there is somone out there that can help me along with this.
>
> Any help will be appreciated.
> Thanks in advance!
>
> Is this considered a good radio?
>
>

Its capabilities are : police, aircraft, cordless phones & baby
monitors, CB radio (I think; it DOES start at 25 mHz doesn't it?)

If you want portability, that antenna should be ok; for use at home
the cheap ($15) RS discone is a good buy.

Happy listening,

Scott

1490. Re: 150 to 153mhz help needed

Newsgroup: rec.radio.scanner
Date: 1995-02-01 00:35:17 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3gml05hhv3@mhade.production.compuserve.com>
Source record: 262007

Dave,
Yes you could.... AND as for the ant. question, you can buy
commercial ant's or even go with a commercial radio such as
Motorola or GE to solve your troubles...

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

1491. Re: GP-300: I have the model # now

Newsgroup: rec.radio.scanner
Date: 1995-02-01 00:37:27 UTC
From: Carl Robbins <75230.2407@CompuServe.COM>
Message-ID: <3gml47hhv4@mhade.production.compuserve.com>
Source record: 262008

Ken,
If it has not been altered, it is a 4 Watt, UHF, 2 Ch. GP-300.
Band split is 438-470.

CARL

--
CARL ROBBINS "Calgon TAKE ME AWAY!"

1492. Re: GP-300: I have the model # now

Newsgroup: rec.radio.scanner
Date: 1995-02-01 01:12:40 UTC
From: jmmorrison@aol.com
Message-ID: <3gmn68$bht@newsbf02.news.aol.com>
Source record: 262010

All I can add is that P94YPC's are UHF models (403-520). I don't have a further breakdown.

John M Morrison, Detroit, MI

1493. Military Aircraft Band

Newsgroup: rec.radio.scanner
Date: 1995-02-01 02:04:32 UTC
From: jim@ttech.com
Message-ID: <jim-010295060051@jimsmac.ttech.com>
Source record: 262011

I live in Yorba Linda California and am interested in monitoring the military aircraft band and would appreciate any good active frequencies. I already know about high altitude in-flight control stations that simulcast their transmissions on the military aircraft band and also the commercial (118-136 mhz) aircraft band, however, I am looking for frequencies that are strictly military.

thanks,

+-jim

jim@ttech.com

1494. 1000 Channel RS Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-01 02:05:42 UTC
From: jim@ttech.com
Message-ID: <jim-010295060452@jimsmac.ttech.com>
Source record: 262012

Are there any modifications for the new RS 1000 channel scanner?
I am considering purchasing one if I can modify it for cellular.

+-jim

jim@ttech.com

1495. AR8000 Access Database Updated by Jim Dantin (posted) to my info site

Newsgroup: rec.radio.scanner
Date: 1995-02-01 02:43:03 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3gmsfn$26c@nntp.crl.com>
Source record: 262013

Jim Dantin (mailto: jadantin@ndlc.occ.uky.edu) has posted an improved version of Steve Siegel's AR8000 Access database to ftp://ftp.crl.com/users/ro/vhealey/www/ar8000-1.zip .

This database is an expansion of the AR8000 database previously posted by Steve Siegel. Jim has flagrantly stolen Steve's original design and forms as the basis for this version. <grin> He has posted it here for your review and comments.

I downloaded my own copy and have already made some changes (improvements ?) already for my own use.

This database has been posted as a FREEWARE product. If you find a problem, Jim will try to fix it, but don't expect the kind of support you will get from a $$$ product. Jim needs YOUR ideas so he can improve the database. Please write JIM or call (502)926-8333 or post an obervation here for all to read.

Features of Jim's new version:

Separate channel and frequency tables - you can maintain a large frequency list and assign individual frequencies to AR8000 memory channels.

Flexible reporting - this is straight MS Access - play to your heart's content.

All the features of Access - import from other databases, text files, or spreadsheets.

Desirable changes and additions to this project is to have the Access dbase program automatically send data to the serial port that the AR8000 is on and have it reprogram the scanner as the database is changed.

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

1496. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-01 02:46:01 UTC
From: gazerz@aol.com
Message-ID: <3gmsl9$d1j@newsbf02.news.aol.com>
Source record: 262014

450.8125 Metro Traffic is now scrambled. They started working on this yesterday with chop being scrambled. I noticed this afternoon both base and chop have been scrambled.

Seeya Andy O'Rourke....its been fun listening to ya!

Robbie ;D

1497. Which Database for AOR8000?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 03:18:01 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.135v@portal.apana.org.au>
Source record: 262015

Hello people...

I own an AOR8000 scanner and i was wondering what databases people out there use to store their frequencies in?

Ive played with a few programs and i like the look of `Tune-In v1.0' by David Carroll, but Im sure there are many others out there worth a looksee? I would like some windows s/ware if its out there actually...

Do any of these people have internet address's? As every one that i have looked at has no way of contacting them other then Snail mail, or marginly faster (but not much) FidoMail...

What does the s/ware that you can get for the 8000 look like and perform like?

Any opinions appreciated...

Quote: Creditors have much better memories than debitors.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/10/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

1498. TRADE: Have 2m handheld, want scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-01 03:35:19 UTC
From: dmm@bronze.lcs.mit.edu
Message-ID: <3gmvhn$9ee@bronze.lcs.mit.edu>
Source record: 262019
Cross-posted to: rec.radio.swap,rec.radio.scanner

FOR TRADE:

I would like to trade my 2 meter ham transceiver for a scanner.
Package includes:

- ICOM 2AT handheld (thumbwheel freq. selection, no memories, plain & simple)
- ICOM BP8 battery pack (800 mAh)
- ICOM BC-16U trickle charger
- several antennas
- belt clip (mounts on radio)

I bought the radio used, and the battery & charger new about 1.5 years ago.
Everything looks and works great.

I am looking for a scanner that comes close to meeting the following:

- covers 50 to 1000 MHz
- handheld preferred, or at least reasonable portable
- large keypad and display, illuminated and suitable for easy mobile use
- good selectivity and sensitivity
- ability to run from 12 VDC. I don't care about AC.
- at least 100 memories

What have you got?

-Drew

1499. Re: PRO-43 Mod - Discrepancy

Newsgroup: rec.radio.scanner
Date: 1995-02-01 03:36:54 UTC
From: gdallal@world.std.com
Message-ID: <D3Ay1J.8yH@world.std.com>
Source record: 262017

Bill Plymale (plymale@mousetrap.es.vt.edu) wrote:
: Jerry Dallal (gdallal@world.std.com) wrote:
: : example, 5A3 is May, 1993. The cutoff date after which units
: : could no longer be modifiable is April, 1994 (4A4). So far,
: : all units made before 4A4 are modifiable while all units made
: : after 4A4 are not modifiable. There has been a firm report of

: I have a PRO-43 manufactured 3A4 that has a serial number beginning
: with 'A'. I have not disassembled it to see if the diodes in question
: are present. Any idea whether or not it is modifiable?

This unit is news and the FAQ will be modified to reflect it. My first guess is that it is not modifiable. Does the FCC-ID end in an A? All reports so far have a serial number including an A if and only if the FCC ID ends in A.

Thanks.

1500. Re: New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 03:37:07 UTC
From: delia stark <delia.stark@rochgte.fidonet.org>
Message-ID: <3gmvl3$q16@roch0.eznet.net>
Source record: 262018

dale@aloha.com (Dale Ott) wrote:
>
> In article <3g8nff$jut@news.usis.com>
> odium@usis.com (Odium) writes:
>
> > : I read in some thread here that the new Federal law that now prohibits
> > : listening to cordless phone conversations also prohibits listening to
> > : auxiliary news traffic (such as traffic choppers, etc). Is this really
> > : true? If so, what is supposed to be the rationale? I thought the
> > : airwaves were free, and that there is no presumption of privacy on these
> > : channels.
> > The part about the cordless phones is correct. I'm not sure about the
> > traffic choppers, but one reason would be that other news organizations
> > could be listening and stealing stories.
>
> I don't think so... Some states have enacted STATE laws that protect
> cordless phones from evesdropping, but the Fedral Law (ECPA)
> specifially exempts cordless phones from its protection.
>
> Is this another example of mis-information like your calling a
> frequency counter a Multimeter?
>
> If factual, what is the name or number of this 'new' fedral law....???

ECPA as amended in 1994. 18 USCA 2510 et seq.

1501. "radioware" RF-9913 cable for scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-01 03:52:19 UTC
From: ncschult@saturn.acs.oakland.edu
Message-ID: <ncschult.791610739@saturn.acs.oakland.edu>
Source record: 261973
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I would like to know if anyone has any experience with the Co.
"Radioware" out of Westford, MA.? I am thinking of ordering their
"RF-9913 cable for my roof antenna, they claim "1.4 dB loss at 100 mHz"

Thanks for any comments, Neil

--

--N.C.Schulth
eiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

1502. WANT your broken pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-01 04:06:58 UTC
From: rsharp@paul.spu.edu
Message-ID: <3gn1d2$1vm@adam.spu.edu>
Source record: 261974
Cross-posted to: seattle.forsale,pnw.forsale,misc.forsale.non-computer,rec.radio.swap,alt.radio.scanner,rec.radio.scanner

I'm looking for non-working Motorola Bravo pagers, or ones that are
similar in size. I'm not wanting those ones with the big display lenses.
I don't care how scratched up, just that the casing is not smashed.

It doesn't even matter if they have digital readouts (LCD's). Thanks.

Thanks.

1503. Re: Looking for a PRO-2004 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-01 04:10:23 UTC
From: michael.ayotte@netcom.com
Message-ID: <michael.ayotte-3101952110230001@rsg-av.com>
Source record: 262016

In article <3gm81q$8lg@eccdb1.pms.ford.com>, tdesai@rch233.eld.ford.com (T Desai (Tejas)) wrote:

> I'm looking for a PRO-2004 scanner in good to excellent condition. Please
> call the number below or Email.

I have one in pretty good condition (coarse the manually is pretty thrashed). It has been modified for cellular and to increase from 300 to 400 channels. I was actually thinking of selling now that I have my AR8000 but I guess it would depend on the price. Also MI seems kindof far, I guess I can't just bring it over after work can I?

Well Let me know what kind of price you are thinking.

P.S. I'm in Fremont CA (near San Jose).

> Regards,
> Tejas Desai Email:
tdesai@rch233.eld.ford.com
> RF Product Design Engineer IBM Mail: USFMCTTG
> Ford Motor Co. - Electronics Div. Phone: (313) 845 - 7330
> 16800 Executive Plaza Drive, Suite 328 FAX: (313) 323 - 6699
> Dearborn, MI 48126

--
michael.ayotte@netcom.com

1504. Re: New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 04:12:03 UTC
From: mulligan@ACM.ORG
Message-ID: <3gn1mj$l1g@hopper.acm.org>
Source record: 262020

dale@aloha.com (Dale Ott) asked:
> ... what is the name or number of this 'new' fedral law....???

Public Law 103-414, signed 25 Oct 94, known as the Digital Telephony Act (popularly refered to as the "FBI Wiretap Bill"). The following text is drawn from the original HR 4922, but should be the same as enacted.

SEC. 5. CORDLESS TELEPHONES.

(a) Definitions._ Section 2510 of title 18, United States Code, is amended_

(1) in paragraph (1) by striking "but such term does not include" and all that follows through "base unit"; and

(2) in paragraph (12) by striking subparagraph (A) and redesignating subparagraphs (B), (C), and (D) as subparagraphs (A), (B), and (C), respectively.

(b) Penalty._ Section 2511 of title 18, United States Code, is amended_

(1) in subsection (4)(b)(i) by inserting "a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,"; and

(2) in subsection (4)(b)(ii) by "inserting a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit," after "cellular telephone communication,".

/* barry /&

1505. RS Pro 46 Modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 04:48:42 UTC
From: richard.baxter@informal.com
Message-ID: <950201170605115@informal.com>
Source record: 262022

Can someone tell me if my Radio Shack Pro-46 is modifiable for receiving the full cellular coverage? How about the Military airband in the 200 mhz band? The code on the back of the unit is 10A3 so judging from what I've read already on different posts, this unit does fit into the units that were manufactured before the CPU blockout. Any info will be greatly appreciated.

-= Rich =-

1506. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-01 05:12:48 UTC
From: ad225@detroit.freenet.org
Message-ID: <3gn58g$qf9@detroit.freenet.org>
Source record: 261903

The reason we in the news media use the information provided
by spokespeople for public safety agencies over what we may have
heard on the scanner is two-fold:

A. It is illegal to repeat what's on the scanner (and dangerous
to do so without confirmation).

B. It is always considered better to attribute the sources of
information and spokespeople speaking on the record provide that
attribution.

Is the information provided by official sources always accurate?
Of course not! Why?

A. They may have agendas which preclude them from telling all
(i.e. they may be protecting the agency which employs them).

B. They may not know all the information and are just parroting
what they've been told.

C. They may for legal reasons withhold information.

Listening to scanner traffic, however, helps reporters ask
the correct questions which get closer to the truth.

You're right, though, when you suggest that nothing beats
being right on the scene seeing for yourself. Reporters,
especially those of us in broadcasting, strive to do that
as much as possible in order to provide immediate and accurate
eyewitness accounts to our audiences.

Gary Baumgarten
Reporter
WWJ Newsradio 950
CBS Radio
Detroit
--
Gary Baumgarten
ad225@detroit.freenet.org

1507. ForSale Opto 3000 MUST SELL

Newsgroup: rec.radio.scanner
Date: 1995-02-01 05:26:23 UTC
From: bbjamin@aol.com
Message-ID: <3gn61v$fmu@newsbf02.news.aol.com>
Source record: 261928

The best hand held FREQUENCY counter, Best offer must sell by Friday

Must sell my Optoelectronics 3000 in perfect condition (will warranty)
Must sell to pay credit card bills from X-Mas Excellent Frq Counter, all types of functions

EMail BBJAMIN@aol.com

1508. ForSale FREQ. COUNTER

Newsgroup: rec.radio.scanner
Date: 1995-02-01 05:27:21 UTC
From: bbjamin@aol.com
Message-ID: <3gn63p$fne@newsbf02.news.aol.com>
Source record: 261929

SEE AD ABOVE Opto 3000

1509. Re: What are those new LAPD

Newsgroup: rec.radio.scanner
Date: 1995-02-01 06:05:54 UTC
From: vector@inferno.com
Message-ID: <9410ONWEACORONXTTV@inferno.com>
Source record: 261932

IC>Laura,
IC> The best I can determine these are Motorola Astro's. They are
IC>capable of analog and digital comm. Heard the project had hit some
IC>snags but Motorola still produces them.

IC>CARL

IC>--
out of curiosity, is the encryption similar to motorola's SECURENET
9600bps packet encryption? i am acquiring a couple of saber II's with
securenet and am curious if the encryption formats are compatable.

vector@inferno.com
vector@hotcity.bbs.com
IC>CARL ROBBINS "Calgon TAKE ME AWAY!"

1510. Need source for 39mhz crystals for fm narrowband receiver design

Newsgroup: rec.radio.scanner
Date: 1995-02-01 06:14:00 UTC
From: v064mb9k@ubvms.cc.buffalo.edu
Message-ID: <D3B57s.55B@acsu.buffalo.edu>
Source record: 261930

I am currently designing a narrowband receiver based on
a motorolla chip to tune in frequencies of 49.6 mHz. The recommended
circuit diagram calls for a 39mHz crystal, a component that I have not been
able to find after checking many electronic component distributors. Can anyone
direct me to a source. I would appreciate any help.

Neil Gandler

1511. FREQ. COUNTER Must_Sale

Newsgroup: rec.radio.scanner
Date: 1995-02-01 06:16:33 UTC
From: bbbjamin@aol.com
Message-ID: <3gn901$gco@newsbf02.news.aol.com>
Source record: 261931

FREQ. COUNTER Must_Sale
Hello my name is Ben and I am Selling my Excellent
Freqency Counter (The Best Hand Held unit available)
Optoelectronics 3000 for Best Offer by Friday 2/13/95
It does more than just find frequencies, It measures.....
Frequency
Period
Interval
Ratio
builtinFilters
2 Ant. inputs ranging from 10Hz to 3GHz
Very accurate!

This unit is in excellent brand NEW condition, Never taken out of the lab!
I will Warranty it! The only reason I am selling it is because, Are Lab
just bought a Bench top unit, and Having two of these things hanging
around is a waste of money and equipment. Let me say again, there is
ABSOLUTELY NOTHING WRONG WITH THIS UNIT, I swear over the largest stake of
whatever you want! I must sell by Frday, because I am going on vacation.
and the extra money will come in handy! I have all original boxes manuals
and accessories!
Please E-mail me BBJAMIN@aol.com

1512. Re: What are those new LAPD radios?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 06:19:42 UTC
From: vector@inferno.com
Message-ID: <10238XBCKBUNOTTMTYV@inferno.com>
Source record: 261940

do you know where i could get a brochure on one of these rigs? i was thinking of getting about 4 for special security / surveillance operations (saber II's with securenet) but if the astro is worth the extra $$, i'd like to see what's available...

thanks

greg

vector@inferno.com
vector@hotcity.bbs.com

1513. Re: Monroeville PD Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-01 06:20:57 UTC
From: compusa307@aol.com
Message-ID: <3gn989$ge5@newsbf02.news.aol.com>
Source record: 261933

Sorry I don't have the new 800mhz freqs for Monroeville, I had to reply because I lived there about 9 years ago. The PD was on the old 155.43 and the VFD was 33.86. Sounds like all of that has changed. I now live in a small town in S. Cal. very much like Monroeville. Thanks for the memories. Steve Ralston in Escondido, CA

P.S. I got started in scanning when I worked at Lafayette Radio back in the 70's

1514. AOR8000 and Palmtops?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 07:01:18 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.95Jan31230118@regal.cisco.com>
Source record: 261934

Speaking of databases, does anyone use their AOR8000 with some sort of palmtop? I've got an HP100LX, and it has a built-in database application which seems to be a natural for compact on-the-go computer control. As an aside, the low-power cmos cpu doesn't radiate as much RF as the bigger laptop/desktop models do...

I'm working out a db now, so if there's enough interest, I'll post.
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep

1515. Re: ACCESS AR8000 PERCON CD-ROM

Newsgroup: rec.radio.scanner
Date: 1995-02-01 07:11:51 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.95Jan31231151@regal.cisco.com>
Source record: 261936

Why not standardize on comma delimited ASCII? Seems like everyone can
read/write it?

--

Claude Alan Cartee "I have neither the time nor the inclination to explain
170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep

1516. Re: Help on Bearcat Repair Center(s)-Bob Parnass repost on Uniden info.-Longish

Newsgroup: rec.radio.scanner
Date: 1995-02-01 07:26:18 UTC
From: dctrhappy@aol.com
Message-ID: <3gnd2q$h7s@newsbf02.news.aol.com>
Source record: 261937

SCANNER REPAIR SHOPS

by Bob Parnass, AJ9S

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois (telephone 708-455-5105). Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Owner's Report: Uniden/Bearcat 800XLT Scanner

Bob Parnass, AJ9S

Manufactured in Taiwan, the 800XLT is the first programmable Uniden/Bearcat scanner to cover a portion of the 800 MHz band. Covering 40 channels in 2 banks the 800XLT is specified to receive in the following ranges:

TABLE 1. 800XLT Frequency Coverage

29 - 54 fm
118 - 135.975 am
136 - 174 fm
406 - 512 fm
806 - 912 fm

Only a portion of the new 902-928 MHz ham band is covered.

Differs From Past Models

There are several differences between this scanner and its Bearcat predecessors.

- There is only a single scan/search speed: fast!

- 800XLT channel banks contain 20 channels, not 10 as in previous models. Although we should be thankful for the inclusion of a channel bank feature, doubling the number of channels in a bank is a step backwards.

- Scan delay, channel lockout, and priority enable are indicated by separate, colored LEDs rather than the numeric display, making a colorful light show.

- Both the selectable scan delay and the priority sampling period are 3 seconds vs. 2 seconds in the older scanners. Although a matter of personal preference, I like the 3 second scan delay, but would opt for a 1 or 2 second priority sampling period.

- Despite claims on the 800XLT box to the contrary, a 2 digit channel counter is displayed while scanning, as in the BC350, rather than "rolling zeroes" of the BC210/220/250/300. This is unfortunate, as rolling zeroes make it easier to discern what channels are locked out from scanning without having to step through each one manually.

- The keyboard has a good feel, although quite different from the "chicklet" keyboards on Bearcat 250 and 300 scanners. Keys travel further, with less of a positive click. The 800XLT keyboard is much easier to read, as each key has its function printed right on the keytop, rather than labeled above it on an inlay.

- The 800XLT seems to lack "window detection" circuitry, so the scanner may stop prematurely (off frequency) in the SEARCH mode.

- There is no date of manufacture stamped on the cabinet.

- Mobile DC power cord is optional, but is supplied as standard equipment with other Bearcat scanners.

Inside Appearance Pleasing

The inside of the 800XLT consists of 3 circuit boards:

1. a main receiver board, containing vhf/uhf front ends, IF stages, audio amplifier,

2. a feature board, containing microprocessor and keyboard logic, and

3. an 800 MHz front end board, which uses surface mount components.

The boards appear very neat, and it is obvious that computer aided design and automated component insertion techniques were used. What a welcome change from the chaos inside a hand assembled BC250!

No schematic diagram is furnished. Whereas the identity of many of the ICs in earlier Bearcat scanners was obscured by the use of "house numbers", the ICs in my 800XLT are clearly marked with their original designations (e.g. National LM382). This makes repair easier, as one may obtain parts from several sources rather than being forced to buy from Uniden.

Side-by-Side Performance Comparison

Side-by-side tests were performed, switching a Butternut SC3000 tri-band antenna at 20 feet among 3 scanners: the 800XLT, a new Bearcat 260, and an old Bearcat 300 workhorse. The test equipment used was a pair of human ears, which we all use when scanning.

As the following table shows, the 800XLT was more sensitive on some frequencies, but suffered much more overload from strong signals. This is important if the 800XLT will be used with an outdoor antenna. The 800XLT had fewer annoying birdies than the other models tested.

TABLE 2. Performance of Bearcat 800XLT vs. 260 vs. 300

Band	Bearcat 800XLT	Bearcat 260	Bearcat 300
30-37 MHz	more sensitive weak birdies overloaded by paging, police mobile phones	more sensitive moderate birdies no overload detected	less sensitive moderate birdies no overload detected
37-50 MHz	equally sensitive overloaded by paging, police mobile phones	equally sensitive no overload detected	equally sensitive no overload detected
vhf aircraft	more sensitive	N/A	less sensitive
vhf-hi	slightly more	slightly more	slightly less

	sensitive	sensitive	sensitive
	overloaded	no overload	no overload
	by paging	detected	detected
	heard 162.55 wx		
	on 147.19		
	and elsewhere		
_____	_____	_____	_____
uhf	more	less	less
	sensitive	sensitive	sensitive
	overloaded	no overload	no overload
	by paging	detected	detected
_____	_____	_____	_____

On the 800 MHz band, several police, business and cellular telephone stations were received using the supplied 3" antenna. Clear reception of a repeater used to dispatch Chicago Tribune photographers was possible from 50 miles distant.

The 800XLT audio output is clean and strong, with little synthesizer whine.

Early Problem Fixed: Memory Loss

My 800XLT lost its memory contents when unplugged from 117VAC, even though loaded with a fresh pair of alkaline AA batteries. The problem was traced to a metal contact, installed backwards in the battery holder. Repair required desoldering a red wire, repositioning the contact, then resoldering the wire. No further memory problems have been encountered.

Too Much Hysteresis in Squelch

There is too much "free play" in the stock 800XLT squelch control, the same affliction designed into Radio Shack scanners. The remedy consists of replacing the 860K ohm resistor on pin 14 of the MC3359P IC with a 2.2M ohm resistor.

Not As Selective as Older Bearcats

At -55 dB @ +- 25 KHz, the 800XLT IF selectivity is not as good as the BC350 and BC300, which are rated at -60 dB @ +- 25 KHz. The wider selectivity causes the scanner to stop prematurely in the SEARCH mode, and makes it difficult to determine, for example, if a station is transmitting on 855.0250 as opposed to 855.0125 MHz.

Since the 800XLT tunes in 12.5 KHz steps on the 800 MHz band, the wider selectivity is handy when scanning telephone cell sites, which are on channels spaced on 30 KHz apart.

Overall Evaluation

The 800XLT is the most conventional and easiest to operate of the new 800 MHz-capable scanners. It is plagued neither with the slow scan/search rate of the Regency MX7000, the low audio output of the MX4000, nor the unfriendliness of the Yaesu scanning algorithms.

The 800XLT's tendency to overload on strong signals and awkward squelch action detract from an otherwise good performance.
--

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====
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

---------- Headers ----------
From parnass@ihcnws.att.com Sat Dec 17 11:49:40 1994

1517. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1995-02-01 08:00:33 UTC
From: bill@thd.tv.tek.com
Message-ID: <3gnf31$1ek@news.tv.tek.com>
Source record: 261938
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 05-Jan-95]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner hobbyists. The FCC master contains a wealth of data about every non-government license | in the United States (over three million records). Most of the sources | listed contain a subset of this data, although a few contain all or nearly all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing FCC data, you might want to consider forming a co-op of people in your area to share the cost. As far as I can tell, this is legal since the information is in the public domain. However, the software supplied to view or manipulate the data is usually copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on CD-ROM and floppy. The CD-ROM covers the entire US and is available with or without mapping support. The mapping version brings up a map with the requested station plotted on it. The regular | version is $103, and the mapping version is $173).

| Floppies are available by state for $43 per state (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

| PerCon sells FCC data on CD-ROM. The Spectrum CD covers the entire US and
| comes with a simple database search program. The US Index CD also covers
| the entire US but comes with much a more powerful database manager.
| Regional CDs cover subsets of the US but provide more detail about each
| license. Finally, the mother of all databases is the seven-CD Frequency
| Set, with data organized by frequency.

| Spectrum costs $37, the US Index is $87, regional CDs are $107 each ($465
| for the complete five-disc set), and the frequency set is $1515. Data is
| updated quarterly (the latest data is from Nov 94). PerCon can be reached
| at 716-386-6015 (voice), 716-386-6013 (fax), or Pergrim@aol.com (email).

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

RADIOMAP SERVICE

Developed by long-time Usenet contributor Bob Parnass, this service prints an 8.5" X 11" color map of an area with transmitter sites shown. Included are key sheets that list frequencies, callsigns, and licensee names. Ranges of 1/2 to 10 miles are available. The service is currently available for the following states: IL, IN, MI, MS, NY, OH, PA, WI. Additional states are being added. Contact Bob for more information. To print the map, Bob requires the latitude and longitude (or nearest street intersection) of the center location. Maps are $20 each. Write to Bob Parnass at 2350 Douglas Rd, Oswego, IL, 60543, or call him at 708-554-3839 between 6-10 PM central time. Bob asks that you do not send him e-mail regarding this service [probably because his e-mail account is supplied by his daytime employer].

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.x. It comes with FCC data for one state, covering all services and all frequencies. Data is updated approximately every six months (last update was Sep 94).

Cost is $35 for the first state and $20 for each additional state. Updates cost $30 per state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

US SCANNER PUBLICATIONS

Similar in style to Police Call, this series of directories covers ALL radio services between 30 MHz and 2 GHz. Each volume covers one state and costs between $14 and $29, depending on the state. The volume for California is 820 pages. Contact US Scanner publications at 800-890-6999 (voice) or 503-233-5176 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "#" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE SPECTRUM US OTHER CALL WARE
| Frequency (or Lower Limit) 16 11 12 16 16 16 # 11
Upper Frequency Limit 16 16 16 11
| Callsign 10 8 10 10 10 10 # 10
| Service Code 2 2 2 2 2 2 # 2
| Licensee DBA Name 40 32 30 40 40 40 # 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9
Licensee Address 35 30 35
Licensee City 20 15 20 20
Licensee Name 200 100
Applicant Phone 10 10
| Transmitter Latitude 6 6 6 6 6 6 6
| Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5
| Transmitter Height 5 5 5 5
Transmitter HAAT 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80
| Transmitter City 20 10 12 20 20 20 # 20
| Transmitter County 30 10 20 30 30 30 30
| Transmitter State 2 2 2 2 2 2 # 2
| Class of Station 4 4 4 4 4 # 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6

Antenna Beam Width 8 8
ERP Out 8 4 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
| Number of Vehicle Mobiles 4 4 4 4 # 4
| Number of Portable Mobiles 4 4 4 4 # 4
| Number of Aircraft Mobiles 4 4 4 4 # 4
| Number of Marine Mobiles 4 4 4 4 # 4
| Number of Pager Mobiles 5 4 5 5 5
| Originating Database ID 1 1 1
| Authorization Type 1 1
| CP Authorization Number 2 2
| Area of Operation Descript. 100 100
| Paint & Lighting Specs 33 33
| Special Conditions 100 100
| TX Latitude Direction 1 1
| TX Longitude Direction 1 1
| Type of Last Contact 1 1
| Date of Last Contact 6 6
| Number of Units 4 4
| Reverse Azimuth 6 6*
| Path Connection Latitude 6 6*
| Path Connection Longitude 7 7*

* = Frequency Set Only, CP = Construction Permit,
ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

1518. Re: Foreign Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-02-01 08:32:02 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.117.000888F0@ccm.hf.intel.com>
Source record: 261952

In article <3ghsol$6ss@boris.eden.com> robert@eden.com (Robert Barker) writes:

>my question is WOULD IT WORK?

>I realize that anything that is not from the US would not be legal.
>but world it work.. HF or whatever..

As long as the phone is desgned to operate on a phone system similar to what is used in the US, then it would work. In other words, the fact that it is cordless is not a factor.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1519. Re: Scanner Mod Service

Newsgroup: rec.radio.scanner
Date: 1995-02-01 08:38:28 UTC
From: mike@dino.eng.monash.edu.au
Message-ID: <3gnha4$elg@harbinger.cc.monash.edu.au>
Source record: 261939

KurtW95064 (kurtw95064@aol.com) wrote:
: You Wrote:

: :I have successfully done the cellular unlock mods for the Realistic
: Models
: :PRO-2006 and PRO-2022. I will be glad to do this for your scanner also.
: :If you ship me your scanner and a check for $50, I will ship it back to
: :you with the cellular band unlocked---greatly increasing its value.

Ship me your scanner and for $50 you'll never ever see it again :)

Mike

1520. Re: Microfishe

Newsgroup: rec.radio.scanner
Date: 1995-02-01 08:58:52 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.118.0008FB70@ccm.hf.intel.com>
Source record: 261955

In article <3ghskr$6ss@boris.eden.com> robert@eden.com (Robert Barker) writes:

>Does anyone have their number?

>Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
>: In article <3g876f$gde@boris.eden.com> robert@eden.com (Robert Barker) writes:

>: >I need to order a new set of "by state" fishe for TEXAS. Last one that I
>: >ordered was from Bearcat Radio Club, PO Box 291918, Kettering, OH 45429
>: >Does anyone know how much it is? and do they have a phone number and what
>: >the current date of the microfiche is that they are distributing.

>: In the past they have charged $15 per state. I think they get yearly updates.
>: You will want to verify that they have 1995 data before ordering.

Bearcat Radio Club 1-800-423-1331

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1521. Re: 848-867 Mhz Filter? Can I get one?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 09:06:27 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.119.00091BD6@ccm.hf.intel.com>
Source record: 261957

In article <3g8uig$jke@ef2007.efhd.ford.com> tbohr1@ed8751.pto.ford.com (Tim Bohr(R)) writes:

>Hello folks!

>I have a question. I have a double-conversion unit which employs up-conversion.
>I get images of trunked systems and pager? activity where I don't want to
>hear it. Is there a filter I can get to reject 848-869?
>I've looked in a recent Grove sale catalog and the filters listed
>didn't have the coverage I wanted.

ACE used to advertise such a filter (the company that advertises Trident scanners in Pop Comm). I don't know if they still sell it but it is worth a try. I think is was around $80.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1522. Telescopic aerial

Newsgroup: rec.radio.scanner
Date: 1995-02-01 09:49:38 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6175@rook.ukc.ac.uk>
Source record: 261941

I am using Tandy's 9 section telescopic aerial with the Pro-39, the one that claims to do 25-1300 MHz.

The aerial instructions say that for 30-54, and 108-136 (aircraft) to extend it fully.
For 136-174, the top 4 sections should be extended, thus collapsing the bit jsut above the loading coil.

I inferred from this that when scanning 68-88, the aerial should be fully extended since this lies between 54 and 108. However I discovered by accident that if the bit just above the loading coil is collapsed, reception improves dramatically. There is a marginal difference when collapsing the bottom 3 bits, but this is nothing compared to the other part.

The instructions also say the aerial can transmit between 130-530MHz, and that the bit above the coil must ALWAYS be collapsed to avoid damage, but does not explain why.

I would try to calculate the theoretical length from the formula but I am not sure whether to include the loading coil or the bottom bit which does not collapse, in the calculation.

Is aircraft a special case requiring full extension because of high-flying, AM or lower sensitivity? I find that most planes boom through whatever the state of the aerial.

Does anyone know from experience or expertise the correct position for 68-88? I have always found this band pretty dead in the past; the rubber duck is useless for it, and now I am not sure how to arrange the telescopic.

Thanks...

1523. Re: Scanner interference

Newsgroup: rec.radio.scanner
Date: 1995-02-01 10:01:13 UTC
From: randolph@est.enet.dec.com
Message-ID: <3go7rt$jus@mrnews.mro.dec.com>
Source record: 261961

In article <3gj7rg$7fu@eve.adam.com.au>, dame@eve.adam.com.au (damian britton) writes...
>I've got a Pro 39 handheld scanner which is taken with me in my car. I
>have a external aerial on the car but I pick up lots of interference when
>I turn my car over. Is there an easy cheap way of getting around this?
>It's crystal clear before I start my car, and the interference isn't
>always as bad each time.

Tell us more. What does the interference sound like? Does it vary with engine speed? Is it a buzzy whine or a rapid ticking? Does it occur with the key "on" but with the engine not running? Does it occur with the key on "accessory"? How is your antenna installed? What type of antenna?

-Tom R. N1OOQ randolph@est.enet.dec.com

1524. Re: Sportcat Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-01 11:04:02 UTC
From: kamakiz@larry.wyvern.com
Message-ID: <kamakiz.791636642@larry>
Source record: 261966

what did this Article say?

is there a MOD for this scanner YES or NO?

Please anyone tell me.

i have it love it but want to mod it.

get 200mzh ect.... or cb range ect...

--
Kamakize --Creator Of MusicZine--
For Info: E-mail Kamakiz@infi.net or Kamakize@delphi.com
or Us Mail Po Box 38 Troutville Va 24175 -

1525. Freq. RadioMap

Newsgroup: rec.radio.scanner
Date: 1995-02-01 11:25:51 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-010295062132@132.226.103.46>
Source record: 261944

Recently received one of Bob Parnass's RadioMaps for freq. and transmitter locations in my area. Extremely pleased with Bob's service. Found dozens of unknown freq. to monitor. I now need MORE channels on my scanner !! Just sent for another RadioMap for my brother. This is not an advertisement, I'm just sending along comments on what I believe to be a superb service.

Happy Monitoring !!

1526. Re: New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 13:26:15 UTC
From: tls@gate.net
Message-ID: <3go25n$23ih@tequesta.gate.net>
Source record: 261917

Dale Ott (dale@aloha.com) wrote:
: I don't think so... Some states have enacted STATE laws that protect
: cordless phones from evesdropping, but the Fedral Law (ECPA)
: specifially exempts cordless phones from its protection.

: If factual, what is the name or number of this 'new' fedral law....???

The portion of the Electronic Communications Protection Act that
used to specifically allow monitoring of cordless telephones was deleted
last October as part of the law requiring the telephone companies to
install equipment to facillitate FBI wiretaps.

Title 18 of the US Code is the federal criminal law.

Here is the relevant section.

Public Law 103-414 signed Oct 25, 1994 (was H.R. 4922)

" SEC. 202. CORDLESS TELEPHONES.
(a) Definitions. - Section 2510 of title 18, United States
Code, is amended -
(1) in paragraph (1), by striking `, but such term does not
include` and all that follows through `base unit`; and
(2) in paragraph (12), by striking subparagraph (A) and
redesignating subparagraphs (B), (C), and (D) as subparagraphs
(A), (B), and (C), respectively.
(b) Penalty. - Section 2511 of title 18, United States Code, is
amended -
(1) in subsection (4)(b)(i) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`; and
(2) in subsection (4)(b)(ii) by inserting `a cordless
telephone communication that is transmitted between the
cordless telephone handset and the base unit,` after `cellular
telephone communication,`."

--
Terry Steinford
tls@gate.net

1527. AR8000 database

Newsgroup: rec.radio.scanner
Date: 1995-02-01 13:42:08 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3go33g$fok@sparc.occ.uky.edu>
Source record: 261946

I've posted an updated database for the AR8000 to Vic's homepage. Check it out and let me know what you think! It requires Microsoft Access version 2.0 and is posted as freeware.

I'd welcome comments, criticism (be kind!), and suggestions.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

1528. Found: computer-controlled "scanner" (< $50)

Newsgroup: rec.radio.scanner
Date: 1995-02-01 13:45:50 UTC
From: Harold G Peach Jr <hpeach@pop.uky.edu>
Message-ID: <3go3ae$atv@service1.uky.edu>
Source record: 261947

Last night while roaming the discount computer stores I noticed an FM radio card for $40 that plugs into an ISA bus and is controlled using MS-Windows software. The box indicats that the radio's audio can also be routed to a sound card.

Has anyone played with one of these FM radio cards? Assuming the bandwidth can be adjusted and the 100 kHz tuning step is not in firmware, it would be relatively simple to create a converter for any 20 MHz section of the spectrum you wanted.

Anyone tried this or have any opinions? For $40 it might be worth experimenting!

Harold
hpeach@pop.uky.edu

1529. Re: ACCESS AR8000 PERCON CD-ROM

Newsgroup: rec.radio.scanner
Date: 1995-02-01 14:06:01 UTC
From: Glen Arceneaux <ddjgwa@arco.com>
Message-ID: <D3Br63.MyC@news.arco.com>
Source record: 261920
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3gn345$4se@nntp.crl.com> Victor Healey Ki4je, vhealey@crl.com writes:
>ACCESS is available cross platform and Os.
>Comments?

At this time, ACCESS only runs on a PC - there are no Mac nor UNIX versions.

Glen Arceneaux (kg5mn)

1530. Re: Cop-talk

Newsgroup: rec.radio.scanner
Date: 1995-02-01 14:09:44 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3go4n8$ffl@mailer.fsu.edu>
Source record: 261948

Duncan (dpfg@ukc.ac.uk) wrote:
: What does "IC1" mean when referring to a suspect?

It means I SEE ONE suspect. =-)

Sorry I could not stop myself.

James Naus

1531. Re: traffic copter, fast food

Newsgroup: rec.radio.scanner
Date: 1995-02-01 14:26:43 UTC
From: domonkos@access.digex.net
Message-ID: <dHvBliubGMmC066yn@access.digex.net>
Source record: 261918

In article <3gl07v$t2v@newsbf02.news.aol.com>, Gazerz wrote:
> To reply to my last post, Metro Traffic in NYC/LI/NJ are scrambling their
> signal starting today. Oh well....there go my morning reports!

Scrambling? Are they going digital?

Andy

1532. Re: New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 15:20:08 UTC
From: davidm@iglou.com
Message-ID: <eQwBIK7gXrwT078yn@iglou.com>
Source record: 261949

In article <3gm5k0$nd2@mango.aloha.com>, dale@aloha.com (Dale Ott) wrote:

> I don't think so... Some states have enacted STATE laws that protect
> cordless phones from evesdropping, but the Fedral Law (ECPA)
> specifially exempts cordless phones from its protection.
>
> If factual, what is the name or number of this 'new' fedral law....???

This (as you put it) "new" federal law is an amendment to the ECPA that was approved by last year's Congress-critters. I've been up all night hacking on some code, so the exact number of the law escapes me at the moment, but if you absolutely have to have it, and 27 other people don't respond to this message, I'll look it up for you. It is contained in what is refered to as "The Digital Telephony Act". Okay, my last few brain cells just kicked in...check out H.R. 4922 / SB 2375. And after Slick Willie signed it, it became (I think) Public Law 103-414. And Mr. Willie signed it on somewhere around 10/25/94.

> Is this another example of mis-information like your calling a
> frequency counter a Multimeter?

In the future you would be wise to check things out more carefully before you slam someone. In this particular instance, he happens to be correct.

David
davidm@iglou.com

1533. Re: Cop-talk

Newsgroup: rec.radio.scanner
Date: 1995-02-01 15:56:37 UTC
From: Roger@pwpub.demon.co.uk
Message-ID: <791654197snz@pwpub.demon.co.uk>
Source record: 261950

In article <6173@rook.ukc.ac.uk> dpfg@ukc.ac.uk "Duncan" writes:

> What does "IC1" mean when referring to a suspect?

It's their shorthand way of indicating the ethnic origin of the person. I don't know all the codes but "IC1" means "White" and "IC3" means "Afro-Caribbean" I'm sure they have a long list to cover all races but I don't know where you would be able to find a copy.

--
Roger Hall

1534. FCC License Info Needed

Newsgroup: rec.radio.scanner
Date: 1995-02-01 16:19:30 UTC
From: jlynch@MCS.COM
Message-ID: <3gocai$2od@Mars.mcs.com>
Source record: 261951

Can anyone give me a quick run down on the FCC licensing process:
where to get forms, how much for the license, when do I need to resubscribe,
etc. I'm working with a company that purchased some salvaged equipment and
we're not sure if the original license carries over with the purchase. Any
contacts or hints would be helpful. Thanks.
--
==========
John Lynch
Chicago, IL
INTERNET:jlynch@mcs.com
COMPUSERVE:75203,1666

1535. ScanCat-Pro vs Probe

Newsgroup: rec.radio.scanner
Date: 1995-02-01 16:33:22 UTC
From: ruhe@vms.cis.pitt.edu
Message-ID: <3gogll$kc9@usenet.srv.cis.pitt.edu>
Source record: 261953

I just purchased an OptoScan 456 for my RS-2006 and got it into service. The question is which program to use, ScanCat-Pro or Probe. The Demo disk that came with the unit is ScanCat-Pro and works well. I have no access to Probe and would like any input before spending the $80 or $100 dollars.

1536. Re: "radioware" RF-9913 cable for scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-01 16:58:20 UTC
From: mulligan@ACM.ORG
Message-ID: <3goejc$np1@hopper.acm.org>
Source record: 261954

Belden 9913 coax gets high marks. It's similar to RG-8 in size and impedance, but with a solid center conductor, 100% shielding and low loss. Typical loss figures per 100 ft are (courtesy Bill Cheek's book):
Freq. (MHz) 50 100 400 1000
Loss (db) 0.9 1.4 2.6 4.5
A recent Allied catalog lists it at $93 for a 100' spool.
/* barry /&

1537. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-01 17:04:21 UTC
From: ptalbot@sccsi.com
Message-ID: <3goeul$k7n@tattoo.sccsi.com>
Source record: 261956

I tried the various keyboard test methods to get the omitted 800Mhz frequencies back on my PRO-51 8A4, here are my observations after pressing 2,9,L/OUT:

The 66-88 Mhz frequencies are now available. Cool.

The 888.96 Mhz frequency that is supposed to be in CH23 is instead 857.2125. Not cool at all. Can't get between 869-896 Mhz.

I notice that 857.2125 is one step above CH22. How nice - NOT!!!

Does anybody know of a way to modify the PRO-51 8A4 to get 869-896Mhz range available? Thanks in advance for the time of the helpful...

```
//--------------------------------------------------------------------
// Pat Talbot, CNE, Team OS/2 (ptalbot@sccsi.com , ptalbot@bama.com)
// Cruising past Microsoft at Warp3. Avoid the rush, get warped early!
// If you're not living on the edge, you're taking up too much room
//--------------------------------------------------------------------
```

1538. Bearcat 101 directions needed

Newsgroup: rec.radio.scanner
Date: 1995-02-01 17:14:12 UTC
From: politzer@aol.com
Message-ID: <3gofh4$k97@newsbf02.news.aol.com>
Source record: 261958

I have just come into an ancient Bearcat 101 scanner. It has 16 toggle switches
on the front that are used to select which channels to scan. They are also used
to program in the frequency for each channel. Does anyone have the directions
on how to program this old beast.

thanks,

Please email to
politzer@aol.com

1539. PRO2038 mods?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 17:35:40 UTC
From: pierpont@snax.enet.dec.com
Message-ID: <3gogpc$phu@nntpd.lkg.dec.com>
Source record: 261959

RS is having a sale on the PRO2038 Cat 20-413
at $149.
With a SN 45007277 and a small sticker of 7A4
are there any mods for this?

Howard Pierpont
Working for but not listening for Digital Semiconductor
Vol. Fire-Police - Dayville CT Fire Company

1540. Re: ACCESS AR8000 PERCON CD-ROM

Newsgroup: rec.radio.scanner
Date: 1995-02-01 17:41:19 UTC
From: sean@oak.his.ucsf.edu
Message-ID: <3goh3v$iqb@agate.berkeley.edu>
Source record: 262027
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <3gn345$4se@nntp.crl.com>, Victor Healey Ki4je <vhealey@crl.com> writes:
>I have been becoming much more familiar with the ACCESS program
>in the last few days. You know the role, I went out and bought
>one of those 1000 page QUE books and read it! That is why I havent
>been updating the AR8000 page as much.
>
>Several observations.
>I strongly recommend that we standardize on the ACCESS program
>for exchanging data between computer systems for the AR8000.
>ACCESS is available cross platform and Os.
>Comments?

I strongly recommend that we standardize on a widely supported (by many
database programs) data FORMAT. I think it is a mistake to standardize
on a program; the data will be valuable long after the program has
become obsolete. It would also be nice if this 'standard' was used by
the wider radio/computer interface community, SWL, hams, etc.

Sean McGrath - Voice: 510.653.8387
Email: sean@oak.his.ucsf.edu
Paper: 638 66th st, Oakland Ca, 94609

1541. 200-400 MHz and Full Cell on PRO-51?????

Newsgroup: rec.radio.scanner
Date: 1995-02-01 17:55:26 UTC
From: troy@sequent.com
Message-ID: <1995Feb1.175526.26014@sequent.com>
Source record: 261501
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,

The local Radio Shacks have the PRO-51 on sale for $219. I've seen the postings on how to get cellular coverage and I have a few questions before getting one.

o Since there are several breaks in the 800MHz coverage won't the keypad mod (2,9, and moni to get 888.68MHz) only allow coverage in the break that includes the 888MHz? If not how are the other breaks restored?

o Are there other mods for the PRO-51? Is it likely there will be other mods discovered later? I'd like the mods if they are available.

o 200-400MHz (Military) coverage interests me since I'm near an Air Force base. Can the PRO-51 be modified to hit this band? This is an AM band? Can any other handheld be modified to reach it other than the PRO-43 which has it from the factory?

Please post and E-Mail me at the address below.

Thank You,

Troy Wecker
troy@sequent.com

1542. Re: Calculator

Newsgroup: rec.radio.scanner
Date: 1995-02-01 18:00:08 UTC
From: odium@usis.com
Message-ID: <3goi79$no5@news.usis.com>
Source record: 261960

Duncan (dpfg@ukc.ac.uk) wrote:
: The following useless piece of information surprised me and may interest you:
: I picked up a signal from my graphical calculator around 141MHz, if held within
: about 6 inches. It made an interesting blipping sound when drawing graphs.
: Was this genuine RF or just circuitry playing games?
The circuitry in the calculator probably created an electromagnetic
field, that created a low-power RF signal. Also could have been the screen.

--
Odium@USiS.COM
~~~~~~~~~~~~~~
(Check out my WEB page at|---***Selfish people are happy people.***---)
(http://usis.com/~odium/ | -I said that)
(* H/P related info |)
(* Scanner junk |)
(* Misc. Crap |)
~~~~~~~~~~~~~~

1543. Re: FCC License Info Needed

Newsgroup: rec.radio.scanner
Date: 1995-02-01 18:02:24 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1995Feb1.130224@hnrc.tufts.edu>
Source record: 261962

In article <3gocai$2od@Mars.mcs.com>, jlynch@MCS.COM (John Lynch) writes:
> Can anyone give me a quick run down on the FCC licensing process:
> where to get forms, how much for the license, when do I need to resubscribe,
> etc. I'm working with a company that purchased some salvaged equipment and
> we're not sure if the original license carries over with the purchase. Any
> contacts or hints would be helpful. Thanks.
> --

Depending on the type of equipment, you may want rec.radio.amateur.misc.
Actually, even if it isn't amateur radio equipment, there's probably someone
there who can help you.

1544. Re: FREQ. COUNTER Must_Sale

Newsgroup: rec.radio.scanner
Date: 1995-02-01 18:14:36 UTC
From: artb@boi.hp.com
Message-ID: <D3C2oD.11y@boi.hp.com>
Source record: 261963

BBBJAMIN (bbbjamin@aol.com) wrote:
: FREQ. COUNTER Must_Sale
: Hello my name is Ben and I am Selling my Excellent
: Freqency Counter (The Best Hand Held unit available)
: Optoelectronics 3000 for Best Offer by Friday 2/13/95
: It does more than just find frequencies, It measures.....
: Frequency
: Period
: Interval
: Ratio
: builtinFilters
: 2 Ant. inputs ranging from 10Hz to 3GHz
: Very accurate!

: This unit is in excellent brand NEW condition, Never taken out of the lab!
: I will Warranty it! The only reason I am selling it is because, Are Lab
: just bought a Bench top unit, and Having two of these things hanging
: around is a waste of money and equipment. Let me say again, there is
: ABSOLUTELY NOTHING WRONG WITH THIS UNIT, I swear over the largest stake of
: whatever you want! I must sell by Frday, because I am going on vacation.
: and the extra money will come in handy! I have all original boxes manuals
: and accessories!
: Please E-mail me BBJAMIN@aol.com

His first post said he needed to pay off credit cards ?????????????

1545. Re: GP-300: I have the model # now

Newsgroup: rec.radio.scanner
Date: 1995-02-01 18:21:11 UTC
From: jmmorrison@aol.com
Message-ID: <3gojen$krb@newsbf02.news.aol.com>
Source record: 261964

P94YPC20A2AA = 2 channel 438-470mhz.

John M Morrison, Detroit, MI

1546. Poughkeepsie, NY Freqs wanted?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 18:23:33 UTC
From: wsa4c@kelvin.seas.Virginia.EDU
Message-ID: <D3C339.DIw@murdoch.acc.Virginia.EDU>
Source record: 261965

I was given a scanner for Christmas and I'm trying to find some
interesting listening. I live near Poughkeepsie, NY. Just
about anything would be great. Such as, police, fire, ems,
news, boats, planes, trains.....

Also, I spend some time in Charlottesville, Va. I'd like to
get some channels there as well.

Thanks in advance.

Scot
--

ChE 317
924-3945

1547. Re: Cop-talk

Newsgroup: rec.radio.scanner
Date: 1995-02-01 18:32:16 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3gok3g$ppf@nntp.crl.com>
Source record: 261967

Roger@pwpub.demon.co.uk (Roger Hall) wrote:
>
> In article <6173@rook.ukc.ac.uk> dpfg@ukc.ac.uk "Duncan" writes:
>
> > What does "IC1" mean when referring to a suspect?
>
> It's their shorthand way of indicating the ethnic origin of the person. I don't
> know all the codes but "IC1" means "White" and "IC3" means "Afro-Caribbean" I'm
> sure they have a long list to cover all races but I don't know where you would
> be able to find a copy.

Number one means black perpt around here.

ie Two number one males.

Number one in crime?

Number two meant white.

1548. Re: Phone number for Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1995-02-01 18:42:20 UTC
From: adye@PROBLEM_WITH_INEWS_GATEWAY_FILE
Message-ID: <D3C3yL.283@boi.hp.com>
Source record: 261968

Douglas Baker (dbak@elm.lle.rochester.edu) wrote:
: I am trieng to get ahold of a service manual for my BC200xlt.
: Does anyons have a phone # so I can call them. I have their
: snale male address but I'm in a hurry.

: Doug

1-800-297-1023

--

Alan W. Dye Hewlett-Packard Company
Phone: 1-208-396-6176 Systems Programmer
email: adye@boi.hp.com Boise Information Technology Center

1549. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-01 19:01:54 UTC
From: airwolf@bitstream.net
Message-ID: <airwolf.1142052954B@bitstream.net>
Source record: 261969

Soome SCA programming can be heard in the 900 MHz area on a scanner depending on your locality. For instance, three channels of Muzak can be heard in the Minneapolis/St. Paul area (I only remember one of the frequencies though, 959.9625). In Indianapolis, you can hear Associated Press newsfeeds on the 900 MHz band.

1550. Re: President Clinton

Newsgroup: rec.radio.scanner
Date: 1995-02-01 19:15:59 UTC
From: kimi@news.gate.net
Message-ID: <3gomlf$eff@seminole.gate.net>
Source record: 262026
Cross-posted to: oau.news,alt.radio.scanner,rec.radio.scanner

In article <D35Is9.Btr@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
>I read in the newspaper today that President Clinton is due to visit Lake
>Mary on Friday, as part of an education ceremony put on by Siemens/Stromberg
>Carlson. It was front page, local & state, bottom, Saturday a.m. edition.

This visit has been canceled, per our management here at AT&T in
Lake Mary (about a block down the road from Siemens).

--
Kimiye Tipton kimi@gate.net http://www.gate.net/~kimi/ (NX stuff)
ftp.gate.net pub/users/kimi/northern-exp for Northern Exposure Guides
"Give my regards to Broadway!" Peter Gilliam to Joel (NX 6.13)

1551. Re: EUREKA!! New PRO-51 successfully modified to receive cell!

Newsgroup: rec.radio.scanner
Date: 1995-02-01 20:21:57 UTC
From: troy@sequent.com
Message-ID: <1995Feb1.202157.1391@sequent.com>
Source record: 261970

The PRO-51's I looked at today had the FCC ID of 20-308I. I tried the keypad mod and 888.68MHz came up on channel 23.

troy

troy sequent.com

In article <3fpr1sgbh1@mhade.production.compuserve.com>,
Jeff Goldman <76703.4224@CompuServe.COM> wrote:
>You must be joking. It's been repeatedly posted on here that no internal
>mod is needed with the 7A4 (and I've verified this)!!!!! It's the 8A4 units
>with the FCC ID ending in 20-308A that would need some kind of internal mod.
>With the 7A4 units you just need to do an additional step with depressing
>keypad buttons.

1552. For Anyone Interested in an AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-01 20:27:12 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <D3C8tC.35C@freenet.carleton.ca>
Source record: 261971

I had been having something of a dialogue with tpop@informix.com, and had been looking for a good price on an AR8000. I think I found it: $895 Can. I've been told (by the same dealer, so cum granum salo here) that dealer cost is $880 Can. Do the exchange rate conversion and see if that's a better deal than the prices I've seen mentioned so far. I get the feeling the company isn't very big, and consequently they don't keep AR8000s in stock, so there's a bit of a wait. The scanner is the unblocked version. The employee I dealt with (a nice guy, BTW) is Julio Quinto, the store is Radio Progressive in Montreal, and the number is (514) 336-2423. All usual warnings to those of us in the States who might have trouble importing the unblocked AR8000 apply...

Hope this is useful,

Tim

--
============================ =|= Tim Murphy =|= Want free info from
||This post made from 100%|| =|= goombah@globalx.net =|= CSIS? Call your mom
||recycled electrons. || =|= (613) 562-1664 =|= and mention them by
============================ =|= Finger for PGP key =|= name! Act now!

1553. Re: Which Database for AOR8000?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 20:32:25 UTC
From: opp@worldweb.net
Message-ID: <opp-0102951732250001@204.117.218.102>
Source record: 261972

In article <woody.135v@portal.apana.org.au>, woody@portal.apana.org.au
(Terry Wood) wrote:

> Hello people...
>
> I own an AOR8000 scanner and i was wondering what databases people out there
> use to store their frequencies in?
>
> Ive played with a few programs and i like the look of `Tune-In v1.0' by David
> Carroll, but Im sure there are many others out there worth a looksee? I would
> like some windows s/ware if its out there actually...
Do you know of any Mac databases?

--
And that's the way it was...

1554. Pa 800 mhz system Question

Newsgroup: rec.radio.scanner
Date: 1995-02-01 20:55:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <b96_9502012200@rccons.lm.com>
Source record: 261912

Reply-To: rccons!aosc_pa@telerama.lm.com
X-FTN-To: ruhe@vms.cis.pitt.edu

31 Jan 95 10:03, ruhe@vms.cis.pitt.edu wrote to All:

r> I just bought the 1995 Police Call, and found under the Commonwealth of
r> Pennsylvania that there is a large listing of 800 mhz frequencies. Rumor
r> several years ago that a state wide 800 mhz system was not cost effective
r> and would not be purchased. Does anyone know about this system ?? Who is
r> using it if it is on the air ?? Or have the frequency been assigned for
r> future use. Thanks for your assistance -Dan-

PSP has been looking into a means to use MDT's compatiable with the NCIC 2000
program in their units. Field tests have been conducted in the Harrisburg area.
More than likely thats what these 800Mhz frequencies are for.

800Mhz would not be a good choice for PA for a statewide system without being
very expensive.

Rick Christian, AAJP/BSEE
AOSC PA Editor
PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.lm.com

1555. Re: Phone number for Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1995-02-01 20:55:42 UTC
From: adamatt@aol.com
Message-ID: <3gosge$m7p@newsbf02.news.aol.com>
Source record: 261875

I have the BC8500XLT and in the operating guide it has a # for the Parts and Service Division. It is (317)842-2483, 8 AM to 5 PM EST, Monday through Friday. That seems to be the only # I can find.

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1556. Re: "radioware" RF-9913 cable for scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-01 20:56:24 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD3CA60.BBL@netcom.com>
Source record: 261876

In article <3goejc$np1@hopper.acm.org> mulligan@ACM.ORG writes:
> Belden 9913 coax gets high marks. It's similar to RG-8 in size and impedance,
>but with a solid center conductor, 100% shielding and low loss. Typical loss

Be aware that Belden 9913 does not tolerate small-radius bends very
well. It uses an air dielectric and sharp bends can cause internal
shorts very easily. It's a great coax for UHF, just make sure you
don't bend it around tight corners.

There are companies that make 9913-equivalent cables that are more
resistent to internal shorts.

1557. Re: ScanCat-Pro vs Probe

Newsgroup: rec.radio.scanner
Date: 1995-02-01 21:04:26 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD3CAJE.C20@netcom.com>
Source record: 261877

In article <3gogll$kc9@usenet.srv.cis.pitt.edu> ruhe@vms.cis.pitt.edu writes:
>I just purchased an OptoScan 456 for my RS-2006 and got it into service.
>The question is which program to use, ScanCat-Pro or Probe. The Demo disk
>that came with the unit is ScanCat-Pro and works well. I have no access to
>Probe and would like any input before spending the $80 or $100 dollars.

Have you looked at Scan*Star? I have tried both ScanCat-Pro and
Scan*Star. IMHO Scan*Star is a polished, professional piece of work,
while ScanCat seems amateurish by comparison.

Scan*Star has a demo version that you can download from their BBS
on 408-258-6462. There are at least two versions: Professional, which
costs about $79, and Commercial, which is about $129.

- Jerry (who has no connection to Scan*Star)

1558. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-01 21:53:39 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3govt3$cmm@mailer.fsu.edu>
Source record: 261878

Pat Talbot (ptalbot@sccsi.com) wrote:
: I tried the various keyboard test methods to get the omitted 800Mhz
: frequencies back on my PRO-51 8A4, here are my observations after
: pressing 2,9,L/OUT:

: The 66-88 Mhz frequencies are now available. Cool.

: The 888.96 Mhz frequency that is supposed to be in CH23 is instead
: 857.2125. Not cool at all. Can't get between 869-896 Mhz.

: I notice that 857.2125 is one step above CH22. How nice - NOT!!!

: Does anybody know of a way to modify the PRO-51 8A4 to get 869-896Mhz
: range available? Thanks in advance for the time of the helpful...
:
: //--
: // Pat Talbot, CNE, Team OS/2 (ptalbot@sccsi.com , ptalbot@bama.com)
: // Cruising past Microsoft at Warp3. Avoid the rush, get warped early!
: // If you're not living on the edge, you're taking up too much room
: //--

That MOD was for PRO-51 with the date code of 7A4 or before.
I don't think there is a keyboard mod for that date.

James Naus

1559. Re: California AM/FM Broadcast Listings on

Newsgroup: rec.radio.scanner
Date: 1995-02-01 22:07:48 UTC
From: rbruman@raynet.com
Message-ID: <3gp0nk$mqh@rome.raynet.com>
Source record: 261879

In article 000FCFE9@ccm.hf.intel.com, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>
>Usually, the local yellow pages will list all radio stations in the area.
>Check it out.
>

I got curious about CA radio stations, and went to my local library
(Berkeley, CA has a great one) where I found a book listing all
of them.

It's published mostly for ad agencies to place commercials.
It comes out annually (called Broadcaster's Yearbook or something)
Your reference librarian will help you find it.

Support your local library!

Ray Bruman In this establishment,
Raynet Corp. we DO NOT DISCUSS
rbruman@raynet.com race, religion, politics,
415-688-2325 or nutrition.

1560. Selling Cellular Modified Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-01 22:31:49 UTC
From: dooman@ix.netcom.com
Message-ID: <3gp24l$9un@ixnews3.ix.netcom.com>
Source record: 261880

Is it against the law to sell a scanner that has been modified to
receive cellullar transmissions?

1561. Re: Fun NYC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-01 22:39:08 UTC
From: romulus@escape.com
Message-ID: <3gp2ic$5p4@beyond.escape.com>
Source record: 261881

Gazerz (gazerz@aol.com) wrote:
: 450.8125 Metro Traffic is now scrambled. They started working on this
: yesterday with chop being scrambled. I noticed this afternoon both base
: and chop have been scrambled.

: Seeya Andy O'Rourke....its been fun listening to ya!

: Robbie ;D

That sucks!

1562. St. Louis frequencies and some guy..

Newsgroup: rec.radio.scanner
Date: 1995-02-01 22:43:14 UTC
From: c570074@showme.missouri.edu
Message-ID: <c570074.23.2F300E82@showme.missouri.edu>
Source record: 261882

There was a guy who wanted St. Louis frequencies, but when I tried to contact him via E-mail, his address was screwed up.

Whoever you were, I have a bunch of stuff you might like. If you're interested (and I think your name is Bob something), feel free to E-mail me.

Chris Schlanger
c570074@showme.missouri.edu

1563. Phx. AZ Freq's

Newsgroup: rec.radio.scanner
Date: 1995-02-01 22:43:44 UTC
From: ottinge@primenet.com
Message-ID: <3gp2r0$1f6@news.primenet.com>
Source record: 261883

I noticed a number of other requests posted so figured I'd join the party.

I'm looking for Phoenix/Scottsdale/Tempe Arizona Frequencies. Nothing
specific in mind just a newbie with a scanner...

I just grabbed the WWW URL List so I guess I'll find something out there,
but figured while I'm here......

Thank you for your support!

--
Ken Ottinger, Sui Juris

Red Rock Memorial Lodge #63 F&AM | Steps of Zion Universal Life Church
Arizona Research Lodge #1 | http://www.primenet.com/~ottinge/index.html
32',KT,MPS,QCCC,SRICF | ftp.primenet.com/users/o/ottinge/
Royal Order of Scotland | ottinge@primenet.com

1564. Re: ***** ANNOUNCING PC-MONITOR v4.03 PC control of FRG-8800 *****

Newsgroup: rec.radio.scanner
Date: 1995-02-01 22:45:49 UTC
From: Axel Schmetzke <schmetz@macc.wisc.edu>
Message-ID: <3gp2ut$765@news.doit.wisc.edu>
Source record: 261884
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

scollin@sapphire.win-uk.net (Simon Collings) wrote:
>
> A long time ago I wrote commercial DOS software to control the
> FRG-8800.
>
> PC-MONITOR provides a simple to use text based interface to control
> a Yaesu FRG-8800 HF communications receiver using an RS-232
> connection via the FIF-232C interface (or equivalent).

(and so on)

Would someone be so kind as to explain what a FIF-232C interface is?
Is it some hardware which connects the CAT connector of the FRG-8800
with the RS 232 serial plug of the computer? If yes, from which
vendor would this piece of hardware be available (and for, roughly,
how much)?

Thanks, Axel

1565. Re: ***** ANNOUNCING PC-MONITOR v4.03 PC control of FRG-8800 *****

Newsgroup: rec.radio.scanner
Date: 1995-02-01 22:46:04 UTC
From: Axel Schmetzke <schmetz@macc.wisc.edu>
Message-ID: <3gp2vc$9p8@news.doit.wisc.edu>
Source record: 261885
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

scollin@sapphire.win-uk.net (Simon Collings) wrote:
>
> A long time ago I wrote commercial DOS software to control the
> FRG-8800.
>
> PC-MONITOR provides a simple to use text based interface to control
> a Yaesu FRG-8800 HF communications receiver using an RS-232
> connection via the FIF-232C interface (or equivalent).

(and so on)

Would someone be so kind as to explain what a FIF-232C interface is?
Is it some hardware which connects the CAT connector of the FRG-8800
with the RS 232 serial plug of the computer? If yes, from which
vendor would this piece of hardware be available (and for, roughly,
how much)?

Thanks, Axel

1566. Re: For Anyone Interested in an AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:03:41 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3gp40d$37u@nntp.crl.com>
Source record: 261886

Off hand that sounds like an absurd price.
email javaiation and ask them for a second quote.
Regarding exchange rates. I planed to post a link
to a server that would return todays exchange rates
in my ar8000 page on the 'and more' side. I can't remember
right now if it is already there or something I have on disk
to do but it should be there in a day or so.

Basically the ar800 should be around $600 USA.

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

Click on below to find links to javaiation.

http://www.demon.co.uk/javiation

1567. HTML information Scanning AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:15:16 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3gp4m4$37u@nntp.crl.com>
Source record: 262028
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I noticed that interest in HTML continues to grow.
Microsoft is going to release a FREE add on for WinWord 6
that is an HTML viewer and editor.
I saw this announcement in this weeks NEWSWEEK on the
cyperscope page. For a NEWS magazine they sure have
good coverage of the Internet and new developments.

If you desire to write your own information pages for the ar8000
or scanning in particular that can be added to the ar8000 site
please email me for instructions on sending the finished file.
I will post it as you made it without changes. Please keep the graphics
files on the small side and stick to gifs or jpg.

Thankyou,

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

Please let me know if you spot the file from MS on CompuServe
or where ever else they post it so I can grab a copy for myself.

1568. Re: cellular radio station??????

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:15:22 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.244.00114219@chevron.com>
Source record: 261887

>In article <3fr92r$2gg@interport.net> twhitman@interport.net (Tobias Whitman) writes:

>>In <3fp2l6$qv6@newsbf02.news.aol.com> dctrhappy@aol.com (DctrHappy) writes:

>>>Is it possible to start a radio station and simply broadcast it over a
>>>cell phone (paying for the time of course)? Obviously this would only
>>>cater to those w/ scanners. Or would you have the gmen at your
>>>doorstep..?

>>Why would somone want to do this? Wouldn't it be a lot better to use a
>>VHF or UHF radio? If you used a cellphone, who would hear you and do you
>>think that the owner of a cellsite is going to let you tie up that
>>cellsite playing music or somthing?

What are going to transmit, music? Why would anyone be interested in
listening to it on a narrow band voice channel? I would have no intrest in
the 800 Mhz "music on hold" station. Can you do this as you have suggested?
Yes you can. I wouldn't send your program FROM the cell phone, I would send
it from a regular phone to a cell phone. I wouldn't call it a "radio station".

You are just asking if this can be done, right? You are NOT seriously
thinking about really wasting the effort to do something like this, are you?

BTW: Cell phone, cell sites, cordless phones, two ways, paging
transmitters, whatever are all technically radio stations. I believe you are
asking about starting some type of psuedo-broadcast station.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

1569. Scanner interference

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:31:35 UTC
From: lou@gary.com
Message-ID: <7745-276638607@gary.com>
Source record: 261888

ID>I've got a Pro 39 handheld scanner which is taken with me in my car. I
ID>have a external aerial on the car but I pick up lots of interference when
ID>I turn my car over. Is there an easy cheap way of getting around this?
ID>It's crystal clear before I start my car, and the interference isn't
ID>always as bad each time.

ID>Any ideas?

ID>Damian

Some interference is picked up through the antenna, and it seems as
though this is your case (if not tapped into the car's power supply). If
you can't find a mechanical/electrical problem ie; bad ground or plug
wire or plug, etc, you may try resistor plugs or filtering on the
Alternator or some other types of filtering. If this doesn't at least
help, you may not be able to elininate it. Most problems are solved with
some of the things mentioned above, particulary if you're tapped in to
the power. Antenna induced problems are a different story.
Hope this helped out.

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

1570. Re: Freq Counter

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:31:36 UTC
From: lou@gary.com
Message-ID: <7745-276626308@gary.com>
Source record: 261889

IA>>I can't believe the Radio Shack counter is sooo cheap compared to the
IA>>others..

IA>But, Is the Radio Shack counter as GOOD as the others?!? :)

IA>(Not Hypothetical-- Would appreciate an answer)

IA>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
IA>:::::::::AdaMatt@aol.com:::::::::
IA>^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

I bought a Shack scanner. It may not have all of the bells and whistles,
but it works pretty good. I consider it a good investment.
Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

1571. Re: Which Database for AOR8000?

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:35:29 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3gp5s1$37u@nntp.crl.com>
Source record: 261890

opp@worldweb.net wrote:
>
> In article <woody.135v@portal.apana.org.au>, woody@portal.apana.org.au
> (Terry Wood) wrote:
>
> > Hello people...
> >
> > I own an AOR8000 scanner and i was wondering what databases people out there
> > use to store their frequencies in?
> >
> > Ive played with a few programs and i like the look of `Tune-In v1.0' by David
> > Carroll, but Im sure there are many others out there worth a looksee? I would
> > like some windows s/ware if its out there actually...
> Do you know of any Mac databases?

I thought Access was avaiable for the mac.

Can every one work with a tab delimited dbase?
This looks better in html format then a comma delimited one IMHO.
How about RTF?
What should the standard fields be? Then everyone
can make a program to read the standard file
a convert it to what they need.
Come on where are the thinkers who can reason this out completely?

I like the way it is easy to read the ar8000 data. I don't like
the strange way they include far too many zero's in frequency
data which makes that field hard to recognize. I think freq.
data looks best in a 4.5 format with leading zeros suppressed,
following zero/s to no more then five places.

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

Please let me know if you spot the file from MS on CompuServe
or where ever else they post it so I can grab a copy for myself.

1572. Re: Selling Cellular Modified Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:47:04 UTC
From: heglowstein@bix.com
Message-ID: <3gp6ho$74j@news1.delphi.com>
Source record: 261891

Randy DeForest (dooman@ix.netcom.com) wrote:
: Is it against the law to sell a scanner that has been modified to
: receive cellullar transmissions?
You're asking about US law probably. Nope, it's perfectly legal
to sell, own, talk about, step on, spill coffee into, do whatever
you like with a cellular-capable scanner. You just can't listen
to cellular on it.

1573. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-01 23:58:55 UTC
From: David Josephson <davidj@rahul.net>
Message-ID: <3gp780$aio@hustle.rahul.net>
Source record: 261892

>1. What is the typical/max bandwidth of an SCA broadcast. I want to know
>how good a quality sound can you expect from an SCA broadcast. I seem to
>recall seeing an SCA kit in one of the electronics magazines with stereo
>output. Is that possible?

>2. Do FM stations ususally broadcast only one SCA program? I.e. is it
>possible/normal for a station to send a program at 67KHz and another one,
>say at 92KHz?

I posted a reply earlier - in short, the subcarriers and their modulation
are very narrow but there is no limit to the number of them that a
station could use. I have seen up to three on a stereo FM station,
there can be more. These are subcarriers modulating the main FM carrier
along with the audio, and are also themselves FM modulated -- usually
to a few kHz of deviation (my previous post said the carriers were
AM modulated -- that's true for the left-minus-right stereo subcarrier
but not for the SCA subcarriers).

--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

1574. POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-02 00:02:23 UTC
From: orkin <orkin@delphi.com>
Message-ID: <x214if-.orkin@delphi.com>
Source record: 261893

Does anyone know if the polce use cellar,landline or other telephone service, when they are ask to call by phone. example:

" this is 345 can you please call me at the station car 16?"

I hear stuff like that all the time and was wondering if they run to a pay phone or a cellur or other phone system.

1575. Looking For ** NASCAR/BGN ** Freq for 95

Newsgroup: rec.radio.scanner
Date: 1995-02-02 00:03:36 UTC
From: ckw@ns.gamewood.net
Message-ID: <Pine.3.89.9502011838.A14570-0100000@ns.gamewood.net>
Source record: 261894
Body handling: 1 inline base64-encoded payload block was not displayed

[Inline base64-encoded payload not displayed]

1576. Need basic explanation on ctcss & dtmf

Newsgroup: rec.radio.scanner
Date: 1995-02-02 00:08:16 UTC
From: habu@gate.net
Message-ID: <3gp7pg$1o5g@tequesta.gate.net>
Source record: 261895

Could someone please explain these two terms to me I am
looking at a M-400 decoder and was wondering how these
decoding standards work.

Thanks
Mike

--

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

1577. dots,dots,dots

Newsgroup: rec.radio.scanner
Date: 1995-02-02 00:15:36 UTC
From: jefft@bbs.gatecom.com
Message-ID: <gate.R88wZc1w165w@bbs.gatecom.com>
Source record: 261896

Please tell me the frequencies to those two way radios which have red,
blue, and green DOTS.
Thanks.

Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

1578. Re: Selling Cellular Modified Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-02 00:25:35 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1995Feb1.192535@hnrc.tufts.edu>
Source record: 261897

In article <3gp24l$9un@ixnews3.ix.netcom.com>, dooman@ix.netcom.com (Randy DeForest) writes:
> Is it against the law to sell a scanner that has been modified to
> receive cellullar transmissions?

Only if it's not yours to begin with.

1579. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-02 00:36:29 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3gp9ed$je@globalnews.globalvision.net>
Source record: 261898

orkin <orkin@delphi.com> wrote:
>
> Does anyone know if the polce use cellar,landline or other telephone service,
> when they are ask to call by phone. example:
>
> " this is 345 can you please call me at the station car 16?"
>
>
> I hear stuff like that all the time and was wondering if they run to a pay
> phone or a cellur or other phone system.

Here in Greenville, SC, the police (many, not all, I'm sure) have
cellphones. You can occasionally pick up the thread of what's going
down if you are scanning cell range freqs and the police band and
the same time.

Scott

1580. Mods for pro-62,51 ?

Newsgroup: rec.radio.scanner
Date: 1995-02-02 01:10:41 UTC
From: jwojcik@aol.com
Message-ID: <3gpbeh$pia@newsbf02.news.aol.com>
Source record: 261899

Help,Help,Help I just bought A pro-62 and A pro-51 are there any mods
available?
And if so how,Please help.

1581. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-02 01:16:29 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD3CM7H.7BM@netcom.com>
Source record: 261900

In article <3gp780$aio@hustle.rahul.net> David Josephson <davidj@rahul.net> writes:
:I posted a reply earlier - in short, the subcarriers and their modulation
:are very narrow but there is no limit to the number of them that a
:station could use. I have seen up to three on a stereo FM station,
:there can be more. These are subcarriers modulating the main FM carrier
:along with the audio, and are also themselves FM modulated -- usually
:to a few kHz of deviation (my previous post said the carriers were
:AM modulated -- that's true for the left-minus-right stereo subcarrier
:but not for the SCA subcarriers).

I thought subcarriers were double-sideband suppressed-carrier AM?

1582. Re: Newspapers using scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-02 01:17:06 UTC
From: wchsnews@aol.com
Message-ID: <3gpbqi$pl1@newsbf02.news.aol.com>
Source record: 261901

>
>It has been my experience as I commute listening to the scanner and some
AM
>radio station (like KGO). That the scanner information is correct
(provided
>you know what to listen for) while the _very_ delayed reports heard on
the
>radio station are usually quite inaccurate (based on the nuber of
>incidents I witnessed first hand).
>
Let's not confuse traffic reporting and journalism.
I can understand the use of scanner transmissions for traffic
reporting, though I have friends who are traffic reporters who have been
burned a number of times relaying information from the police band. Most
cities have a centralized control center for traffic operations. A good
station will either have someone stationed in that office during rush
hours, or have a direct line to the dispatchers to collect information.
You must remember that the communication has to go both ways. Cops never
call their base to report "everything's smooth here" so calling the
communications hub, or being there, is important to find out the details
of what is not on the scanner. Road closures for block parties, or ethnic
festivals aren't on the scanner, for example.
>
> I find it strange that the media would trust a spokesperson for an
agancy over the collective >traffic heard from the scene of the incident.
>
Not strange at all. It's not my job to be at war with the police. In
cities like Chicago, or New York there are newsrooms inside the police
stations. The cops need the media as much as we need them. Public
Information Officers provide a vital link in getting the information out.

If I hear a murder on the scanner, I'm not going to report it without
confirmation from the PIO, no matter how many calls I hear. If I'm not
there, all the facts are suspect. This afternoon was a perfect example.
On one of the police channels I heard cops investigating a double
homicide. Instead of jumping on the air with it, I called the PIO. Turns
out, it was a training exercise for the new cops at the state police
academy. Based on what I've heard so far today, they've pulled dozens of
bodies out of this apartment in training exercises. All at neatly timed
intervals. I'm glad I didn't jump the gun and scare the hell out of
230,000 people.

Wayne V.H. Lorentz
MetroNews Networks - Charleston bureau

1583. QUEENSLAND POLICE CALLSIGNS

Newsgroup: rec.radio.scanner
Date: 1995-02-02 01:22:34 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3gpc4q$h5d$1@adelaide.DIALix.oz.au>
Source record: 261760
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone help me with any QUEENSLAND POLICE CALLSIGNS (Australia)?

Thankyou
matthew@adelaide.DIALix.oz.au

1584. ScanNet News

Newsgroup: rec.radio.scanner
Date: 1995-02-02 01:24:09 UTC
From: YPSE19A@prodigy.com
Message-ID: <3gpc7p$15us@usenetw1.news.prodigy.com>
Source record: 261902

Please E-mail me all scanner related stories. Your best experiances with the hobby. New Frequencies, Disasters heard , local law incidents, good weekly broadcasts, Amateur Radio Nets in your area, Worst Fires, Accidents, your favorate frequency , I will reconize your writtings in a Newsletter called SCANNET NEWS. Anyone sending me stories can have a copy of the Newsletter.

ScanNet News is a FREE Newsletter. you only pay for postage.
Post your swap & shop, favorate Amateur Radio/Scanner BBS #'s,
Post Your favorate Net (Frequency, Location, Day's & times the net is on)
Post your local Packet Stations, Computer software (ie: Logging programs, BBS/Packet Programs), Radio Hardware,ect.
Your Stories and Postings make ScanNet News possable.
Keep the stories coming.
Anyone interested please e-mail me your stories.
Send Hard copy Articles to the address below.
For a copy of the next issue please send a stamp to the address below or

for a years Subscribtion please send $4.00 to the address below.
For prices on Business Advertising----(Amatuer Radio ,Short Wave Radio, Scanning Related only) e-mail or write to the address below.
Payable by Check, M.O., or Bank Checks

Scannet News
C/O
Nicholas Messina
80 Livingston Ave
White Plains, NY 10605
-
-
NICK in NY YPSE19A@prodigy.com

1585. PRO-25 mods?

Newsgroup: rec.radio.scanner
Date: 1995-02-02 01:54:33 UTC
From: jbum@netcom.com
Message-ID: <jbumD3Cnyx.4s@netcom.com>
Source record: 261761
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Just thought I'd keep this model in the subject list, since I have
yet to see any mods for it...

If anyone knows of a corresponding Uniden/Bearcat model for which there is
a known mod, would you please post the model number?

--
--
-- Jim Bumgardner | jbum@netcom.com
-- Burbank Sanitorium

1586. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-02 02:31:12 UTC
From: knob@netcom.com
Message-ID: <knobD3Cpo2.3K9@netcom.com>
Source record: 261904

In article <3govt3$cmm@mailer.fsu.edu>, James Naus <naus@xi.cs.fsu.edu> wrote:
knob-:Pat Talbot (ptalbot@sccsi.com) wrote:
knob-:: I tried the various keyboard test methods to get the omitted 800Mhz
knob-:: frequencies back on my PRO-51 8A4, here are my observations after
knob-:: pressing 2,9,L/OUT:
knob-:
knob-:: The 66-88 Mhz frequencies are now available. Cool.
knob-:
knob-:: The 888.96 Mhz frequency that is supposed to be in CH23 is instead
knob-:: 857.2125. Not cool at all. Can't get between 869-896 Mhz.

Rat Shit finally got it to work (making cell freqs not "easily"
modifiable by the user)!

knob-:
knob-:: I notice that 857.2125 is one step above CH22. How nice - NOT!!!
knob-:
knob-:: Does anybody know of a way to modify the PRO-51 8A4 to get 869-896Mhz
knob-:: range available? Thanks in advance for the time of the helpful...

8A4 is the first date code that is **NOT** modifiable easily
(i.e. no brown wire to cut, no keyboard mods). Take it back and find a
7A4, those are easy to find in most areas, they can take a keyboard mod
(2+9+BAND, then 2+9+L/O).

Of course, you know there isn't much to listen to in the cellular
frequencies...it's illegal anyway! :)

-Jeff <knob@netcom.com>

--
==
DON'T TREAD ON ME!
==========================email to knob@netcom.com==========================

1587. Re: Mods for pro-62,51 ?

Newsgroup: rec.radio.scanner
Date: 1995-02-02 02:33:07 UTC
From: knob@netcom.com
Message-ID: <knobD3Cpr7.3qs@netcom.com>
Source record: 261905

In article <3gpbeh$pia@newsbf02.news.aol.com>, JWojcik <jwojcik@aol.com> wrote:
knob-:Help,Help,Help I just bought A pro-62 and A pro-51 are there any mods
knob-:available?
knob-:And if so how,Please help.

It all depends on date code (7A4 or earlier is what you want)!

--
==========
DON'T TREAD ON ME!
==========email to knob@netcom.com==========

1588. FOR ALL TO READ about Selling Modded Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-02 02:42:29 UTC
From: usa@max.tiac.net
Message-ID: <3gpgql$24q@sundog.tiac.net>
Source record: 261906

I got this out of the back of POP' Comm'.. Some of you may already know this...

==========

Under U.S. Code Provision SEC 2512 (2) restricted sales to the following: "(2) It shall not be unlawful under this section for- (a) a provider, in the normal course of business of providing that wire or electronic communication service, or (b) an officer, agent, or employee of, or a person under contract with, the United States, a State, or a political subdivision thereof, in the normal course of the activities of the United States, a State, or a political subdivision thereof, to send through the mail, send or carry in interstate or foreign commerce, or manufacture, assemble, possess, or sell any electronic, mechanical, or other device knowing or having reason to know that the design of such renders it primarily useful for the purpose of the surreptitious interception of wire, oral, or electronic communications."

Basically YES you can send modified scanners through the mail.. This even covers a Cellular ESN grabber....WOW..what you learn by reading the fine print :)...

1589. 220xlt vs. pro-43

Newsgroup: rec.radio.scanner
Date: 1995-02-02 03:02:41 UTC
From: meattle@phakt.usc.edu
Message-ID: <3gpi0h$78c@phakt.usc.edu>
Source record: 261907

Does anyone have specs for the 220xlt.

How does it compare to the pro-43?

Saumya

--

Reality is for those who can't face Science Fiction
[1;4;5;7m----->> meattle@usc.edu <<-----[0m

1590. Need Bismarck N.D. freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-02 03:53:41 UTC
From: mundahl@plains.NoDak.edu
Message-ID: <D3CtHH.I5K@ns1.nodak.edu>
Source record: 261908

[No readable article body recovered]

1591. Re: Las Vegas Freqs again please.

Newsgroup: rec.radio.scanner
Date: 1995-02-02 04:15:04 UTC
From: mat@netcom.com
Message-ID: <matD3CuH4.Myv@netcom.com>
Source record: 261909

In article <3g3q4f$9p@news.nevada.edu>, odonnel@nevada.edu (CHISTOPHER ODONNELL) wrote:
>Greetings,
> I noticed that the second request that I posted didn't post so if
>you're reading this for the third time i apologize.
>I know some of you sent me freqs for the Las Vegas area but I had a
>system foul so I lost all of them. If you could send me them again I
>would be gratefull. I'm at odonnel@nevada.edu
>
>Thank You very much for your time and patience.
>Chris

CottonWood Cove, NV.
Scanners Guide

166.900
166.300 Ranger
154.340 Fire
156.550 Work Channel for Marina VHF Marine Radio
156.800 Distress Channel Marine Radio

166.300 # ID's

700 Bullhead HQ
212 Joe
213 Glen

-------BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.3a

mQBNAi8oi78AAAECAMb6YDaqCwdphS4cxTc3u9LFlP8Y3V33bM3v9nd1A3/d0uXy
DJ8UBOR5ZujzWhHetd4adoS4CmtovvFN3o9FKpEABRG0G01hdHQgQWdyZW4gPG1h
dEBuZXRjb20uY29tPg==
=NOhd
-----END PGP PUBLIC KEY BLOCK-----

1592. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-02 04:15:50 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Feb1.221550@fnalv.fnal.gov>
Source record: 261910

In article <x214if-.orkin@delphi.com>, orkin <orkin@delphi.com> writes:
> Does anyone know if the polce use cellar,landline or other telephone service,
> when they are ask to call by phone. example:
>
> " this is 345 can you please call me at the station car 16?"
>
>
> I hear stuff like that all the time and was wondering if they run to a pay
> phone or a cellur or other phone system.

Around here, they say "TX", which means use a phone. As for how they do
it, I pass by a pay phone that almost always has a cop car there. If
my "bird dog" goes off (radar detector) as I pass this pay phone, I just
ignore it because I know they're busy on the phone ;-)

RC

1593. Re: For Anyone Interested in an AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-02 04:19:32 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <D3CuoL.7pw@freenet.carleton.ca>
Source record: 261911

In a previous posting, "Victor Healey " (vhealey@crl.com) writes:
> Off hand that sounds like an absurd price.
> email javaiation and ask them for a second quote.

::snip::

>
> Basically the ar800 should be around $600 USA.
>
> 73's
> Victor Healey (Ki4je)

Absurd as in "good" price or absurd as in "you should have gotten the package deal with the Brooklyn Bridge" price? I received the scanner for a total of $971 Canadian, including 7% Provincial Sales Tax and shipping from Montreal to Ottawa. Best deal I could find...

Tim

--
============================ =|= Tim Murphy =|= Want free info from
||This post made from 100%|| =|= goombah@globalx.net =|= CSIS? Call your mom
||recycled electrons. || =|= (613) 562-1664 =|= and mention them by
============================ =|= Finger for PGP key =|= name! Act now!

1594. Re: Help with PRO-51 (8A4) and 800Mhz

Newsgroup: rec.radio.scanner
Date: 1995-02-02 05:43:14 UTC
From: knob@netcom.com
Message-ID: <knobD3CyK2.Jsz@netcom.com>
Source record: 261945
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3gp4h7$p3e@tattoo.sccsi.com>, Pat Talbot <ptalbot@sccsi.com> wrote:

knob-:Mine gets all of the test frequencies *except* 888.96 Mhz after pressing
knob-:2,9,L/OUT to enter test mode as has been described. My PRO-51 is one of
knob-:the 8A4 units, however. The 66-88 Mhz range woke up though.
knob-:
knob-:Anybody know of any more keyboard tricks??? Is a hardware mod the only
knob-:answer, and if so, how would I go about performing that mod???

There is no mod for unlocking 800MHz on an 8A4 (at least of the
garden variety that's been discussed here on this newsgroup). I had an
8A4...I took it back and redeemed it for a 7A4 (unlocking 800MHz works
with these).

-Jeff <knob@netcom.com>

--
==
DON'T TREAD ON ME!
==========================email to knob@netcom.com============================

1595. pro-62 mods

Newsgroup: rec.radio.scanner
Date: 1995-02-02 06:01:43 UTC
From: PWTK06A@prodigy.com
Message-ID: <3gpsg7$1o6u@usenetp1.news.prodigy.com>
Source record: 261913

Greetings -

I know the Pro-43 has been successfully modified, but I picked up a Pro-62 "triple conversion hyperscan", basically because it has a 200-channel scan-range. Has anyone attempted to modify this model? Can it be modded by clipping a diode as with the Pro-51 model? Can anyone outline the differences between the Pro-51 and Pro-62 on the circuitry level? Any information is appreciated. Thanks -

Scott
PWTK06A@Prodigy.com

1596. Re: Can someone re-post ftp/www sites list

Newsgroup: rec.radio.scanner
Date: 1995-02-02 06:06:55 UTC
From: zen@ccs.neu.edu
Message-ID: <3gpspv$n3s@narnia.ccs.neu.edu>
Source record: 261914

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <D32tJH.41r@freenet.carleton.ca> ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:

: >Can someone please repost a list of scanner related www and ftp sites.

: >thanks

: Radio Resources on the Internet (URL format)

: World Wide Web (URLS)
: ----------------------
: http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods

The router tables got screwed up on dice.dac.neu.edu, so my web page is temporarily unavailable.. It'll be back up as soon as we can pinpoint where things went wrong :) Anyways, hopefully in a couple of days everything will be straightned out..

Paul

1597. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-02 07:08:58 UTC
From: David Josephson <davidj@rahul.net>
Message-ID: <3gq0ea$8tm@hustle.rahul.net>
Source record: 261915

In <jgardnerD3CM7H.7BM@netcom.com> jgardner@netcom.com (Jerry Gardner) writes:

>In article <3gp780$aio@hustle.rahul.net> David Josephson <davidj@rahul.net> writes:
>:I posted a reply earlier - in short, the subcarriers and their modulation
>:are very narrow but there is no limit to the number of them that a
>:station could use. I have seen up to three on a stereo FM station,
>:there can be more. These are subcarriers modulating the main FM carrier
>:along with the audio, and are also themselves FM modulated -- usually
>:to a few kHz of deviation (my previous post said the carriers were
>:AM modulated -- that's true for the left-minus-right stereo subcarrier
>:but not for the SCA subcarriers).

>I thought subcarriers were double-sideband suppressed-carrier AM?

Yes, that's what I posted earlier, incorrectly. The stereo subcarrier
is indeed DSBSC. But SCA's are FM.
--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

1598. The WORLDWIDE UTE NEWS Club

Newsgroup: rec.radio.scanner
Date: 1995-02-02 08:50:03 UTC
From: ae411@yfn.ysu.edu
Message-ID: <199502020850.AA24540@yfn.ysu.edu>
Source record: 261916
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.info

```
======================================================================
\\\\\ The WORLDWIDE UTE NEWS Club /////
\\\ An Electronic Club Dealing Exclusively in Utility Stations ///
\\\\ /////
======================================================================
```

Hello everyone!

With Speedx ceasing publication this month, several of the members efforts went into a replacement so there would be a continuing source of utility information, QSL's and logs.

After discussions with many of you via e-mail (many were non-Speedx members, or members of other SWL clubs worldwide) The WORLDWIDE UTILITY NEWS Club...or WUN (Like we're #1), was born.

WUN will be unique in that it will be the first dedicated 'utility station' club and the first electronic club with an electronic newsletter. "Members" join by simply sending their e-mail address to me, as I have agreed to continue to edit the newsletter as I did in the past with the Speedx electronic edition. There are no club dues. However, those without computer/internet access must pay the cost of printing and mailing. Tim Braun (dpht10d@prodigy.com) has volunteered to publish the paper edition. More information as to cost and a mailing address will be announced.

What else is required of you? Nothing really. I would sure hope WUN is supported by members sending their utility logs (SSB or digital), utility station QSL's and info, news and information along. A February edition is planned, so we need some data as soon as possible! I'm not real concerned as to format, but logs should include the frequency, callsign/station ID, UTC time, mode, and any remarks as to what was logged. We can also use an "alias" for those not wishing their real names used.

From input we have received, the columns will be:
a. International Civil Aero
b. Maritime
c. Military
d. Other SSB News and Unidentified's (non-aero, non-maritime, non-military)
e. Digital News & Info
f. Logs
g. New products, and reviews
h. QSL's -received and info

This may change more or less depending on member input.

Any questions, information, or to join, please contact me at
ae411@yfn.ysu.edu

Rick "RD" Baker

--
Rick Baker (ae411@yfn.ysu.edu)
Recorded live and direct from downtown Austintown, Ohio

1599. Standardized data files for computer controled radios

Newsgroup: rec.radio.scanner
Date: 1995-02-02 09:53:37 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3gqa31$i6g@nntp.crl.com>
Source record: 262029
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

From email and other posting it appears that it is a worng idea to
standardize on a program like Microsoft Access. No matter how good
it is, someone out there could not use it.

Therefore what information should be posted in comma or tab delimited
fields that each ones own database program coiuld rapidly read and use.

My intial suggestion are these fields

frequency in MHZ format, mode, step for band, 7 character tag identifying freq,

line of text describing freq (80 characters max (?), location of transmitter
(city, county,state, country) or latitude and longitude
time of day UTC to switch to this freq,, time of day in UTC freq ends

Therefore a freq file posted for ready use would have a certain
format that could be read by control program or and dbase manager
that would automatically expect these fields in this order.

Please post what you think is necessary and why or emailto:vhealey@crl.com
you thoughts. Please provide examples of reulting field so I can
test it with the html form of posting information for all.
At least 10 or 20 lines would be sufficent.From there others cna
test grabing the data and importing it directly into there programs.

Remember I am looking for data people can read easily and yet
could be easily converted to a format the AR8000 or other
programable reciever can read without much effort.

My interest is of course the wide range ar8000. Yet to be
of max benefit to all a standardized posting of frequencies
needs to allow for the abilities of the other types of
computer controled radios (whether they are a subset or superset
of the ones you have in the ar8000).

Are comma delimited files best or tab delimited for posting to the Net?
Or should some other delimiter be used?

73's
Victor Healey (Ki4je) mailto:vhealey@crl.com

AR8000 (The Ultimate Handheld Scanning Receiver) information is at
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

http://www.demon.co.uk/javiation

1600. Re: Poughkeepsie, NY Freqs wanted?

Newsgroup: rec.radio.scanner
Date: 1995-02-02 10:59:05 UTC
From: quacker@vnet.ibm.com
Message-ID: <3gqdtp$vtv@watnews1.watson.ibm.com>
Source record: 261837

In <D3C339.DIw@murdoch.acc.Virginia.EDU>, wsa4c@kelvin.seas.Virginia.EDU (William Scot Appel) writes:
>I was given a scanner for Christmas and I'm trying to find some
>interesting listening. I live near Poughkeepsie, NY. Just
>about anything would be great. Such as, police, fire, ems,
>news, boats, planes, trains.....
>
>Also, I spend some time in Charlottesville, Va. I'd like to
>get some channels there as well.
>
>Thanks in advance.
>
>Scot
>--
>
>
>ChE 317
>924-3945

Try these freqs out in your new scanner:

453.90 Dutchess County Fire Dispatch
121.00 Stewart Airport
124.00 Dutchess County Airport
153.08 IBM
146.97 Mt. Beacon ARC repeater
453.40 Downstate Corr Facility
151.34 Dutchess County Sherrif
155.37 Interagency (MRD)
155.535 State Police Troop K barracks
161.700 WPDH music Box
156.045 Mid Hudson Bridge
463,625 Culinary Institue of America
48.06 Central Hudson
48.24 Central Hudson

Town and city of Poughkeepsie have migrated to a trunked system.
Frequencys used by this system are:
860.712 853.262 863.262 863.25625 552.6875 862.6875 854.4125

Happy Monitoring

Rich

1601. Re: Monroeville PD Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-02 11:09:46 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-020295060543@132.226.103.46>
Source record: 261919

In article <3gn989$ge5@newsbf02.news.aol.com>, compusa307@aol.com
(Compusa307) wrote:
>
> Sorry I don't have the new 800mhz freqs for Monroeville, I had to reply
> because I lived there about 9 years ago. The PD was on the old 155.43 and
> the VFD was 33.86. Sounds like all of that has changed. I now live in a
> small town in S. Cal. very much like Monroeville. Thanks for the memories.
> Steve Ralston in Escondido, CA
>
> P.S. I got started in scanning when I worked at Lafayette Radio back in
> the 70's

Thanks for the response Steve, but I'm hot on their trail. I'll come up
with them one way or another! MPD is still on the old freqs., but they are
phasing in the 800 MHz.
Wow, Lafayette Radio ... that brings back memories for me. My older
brother always took me with him when he shopped/browsed there.
Happy Monitoring
Joe in Monroeville

1602. Re: New Law Prohibits Wha

Newsgroup: rec.radio.scanner
Date: 1995-02-02 11:20:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.564.352.0ND9E952@exnavy.esnet.com>
Source record: 261921

DO>> : I read in some thread here that the new Federal law that now prohibits
DO>> : listening to cordless phone conversations also prohibits listening to
DO>> : auxiliary news traffic (such as traffic choppers, etc). Is this really
DO>> : true? If so, what is supposed to be the rationale? I thought the
DO>> : airwaves were free, and that there is no presumption of privacy on these
DO>> : channels.
DO>> The part about the cordless phones is correct. I'm not sure about the
DO>> traffic choppers, but one reason would be that other news organizations
DO>> could be listening and stealing stories.

DO>I don't think so... Some states have enacted STATE laws that protect
DO>cordless phones from evesdropping, but the Fedral Law (ECPA)
DO>specifially exempts cordless phones from its protection.

DO>Is this another example of mis-information like your calling a
DO>frequency counter a Multimeter?

DO>If factual, what is the name or number of this 'new' fedral law....???

Public Law 103-414 (108 Stat. 4279) ammends the ECPA '86 to include
cordless phones, previusly exempted from unauthorized eavesdropping.

Look it up.
---- TV with Windows (ugh!)

1603. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-02-02 11:42:04 UTC
From: s2202629@np.ac.sg
Message-ID: <3gqgec$4v5@nova.np.ac.sg>
Source record: 261922

In article <791507284.155snx@n2ayj.overleaf.com>,
Stan Olochwoszcz N2AYJ <n2ayj@n2ayj.overleaf.com> wrote:

>> WHY RADIO AMATEURS ARE CALLED "HAMS"
>> From Florida Skip Magazine - 1959
><snip>
>
>AAAARRRRRRRRRRGGGHHH!!!!!! Help, Mommy, it's back. Make it stop!

Shh... shh... don't worry, it'll go away... (to come back another day)

1604. Re: Monroeville PD Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-02 12:14:28 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-020295071135@132.226.103.46>
Source record: 261923

In article <3gn989$ge5@newsbf02.news.aol.com>, compusa307@aol.com
(Compusa307) wrote:
>
> Sorry I don't have the new 800mhz freqs for Monroeville, I had to reply
> because I lived there about 9 years ago. The PD was on the old 155.43 and
> the VFD was 33.86. Sounds like all of that has changed. I now live in a
> small town in S. Cal. very much like Monroeville. Thanks for the memories.
> Steve Ralston in Escondido, CA
>
> P.S. I got started in scanning when I worked at Lafayette Radio back in
> the 70's

Lafayette, Olson and Heathkit ... names from the past. Thank you for the
memories Steve ....
Thanks for your response to MPD freqs. I'll get them sooner or later.
At the present time, the old freqs. are still being used. But they are
gradually equipping patrol cars with new radios and cell phones, etc.
Joe C. in Monroeville

1605. Re: Indianapolis Freqs??

Newsgroup: rec.radio.scanner
Date: 1995-02-02 12:30:39 UTC
From: hglassma@daniel.drew.edu
Message-ID: <1995Feb2.123039.115384@daniel>
Source record: 261477

In article <1995Feb2.150908.4732@news.csuohio.edu>, mike@shien.ist.csuohio.edu (Mike Mayer) writes:
> Title says it all...
>
> I will be in Indianapolis next week. Can someone please email me
> Indianapolis Police and Fire frequencies? I'll be downtown.
>
> I can reciprocate with Cleveland area frequencies if you wish.> v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

Indianapolis is part of a trunked 800 mhz system called MECA. MECA stands for the Metropolitan Emergency Communications Agency. This is a trunked system with well over 35 channels and numerous agencies including the PDs & FDs from the area surrounding Indianapolis. Not to mention all the different channels for the Indy PD.

I do not have the frequencies but they can be found in Monitor America.

I might add that is very difficult and annoying to listen to communications on this system since there are so many different agencies and the channels are constantly changing.

1606. Re: Bearcat 101 directions needed

Newsgroup: rec.radio.scanner
Date: 1995-02-02 13:34:10 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3DKCz.1L2@nntpa.cb.att.com>
Source record: 261736
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3gofh4$k97@newsbf02.news.aol.com>,
Politzer <politzer@aol.com> wrote:

>I have just come into an ancient Bearcat 101 scanner. It has
>16 toggle switches on the front that are used to select which
>channels to scan. They are also used to program in the frequency
>for each channel. Does anyone have the directions
>on how to program this old beast.

Terence Brennan wrote a BASIC program which displays the
BC-101 programming code for the frequency you specify.
Here's the info I saved:

| I have a program that I wrote for calculating the switch settings on the
| BC101 for any frequency within its tuning range. Type the frequency and
| get a switch setting chart. I could provide it vial direct download or
| perhaps CompuServe or Delphi.
|
| My Internet address is brennant@delphi.com
|
| From att!delphi.com!BRENNANT Sat Oct 16 01:01:41 1993
| Return-Path: <att!delphi.com!BRENNANT>
| Received: from emsr0.emsr.att.com by ih4gp.ih.att.com (4.1/EMS main.cf 1.31 7/10/93
(SMI-4.1/SVR4))
| id AA19393; Sat, 16 Oct 93 01:01:41 CDT
| Received: by emsr0.emsr.att.com (4.1/EMS main.cf 1.33 7/21/93 (SMI-4.1/SVR4))
| id AA28295; Sat, 16 Oct 93 05:57:48 GMT
| Received: from att!delphi.com by emsr0.emsr.att.com (4.1/EMS main.cf 1.33 7/21/93
(SMI-4.1/SVR4))
| id AA28290; Sat, 16 Oct 93 05:57:47 GMT
| Received: by att.att.com; Sat Oct 16 01:59:13 EDT 1993
| Received: from delphi.com by delphi.com (PMDF V4.2-11 #4520) id
| <01H45R73A1OG937C7C@delphi.com>; Fri, 15 Oct 1993 23:46:23 EDT
| Date: Fri, 15 Oct 1993 23:46:23 -0400 (EDT)
| From: BRENNANT@delphi.com
| Subject: Re: BC-101 program?
| To: parnass@ih4gp.ih.att.com
| Message-Id: <01H45R73CGGY937C7C@delphi.com>
| X-Vms-To: IN%"parnass@ih4gp.ih.att.com"
| Mime-Version: 1.0
| Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
| Content-Transfer-Encoding: 7BIT
| Status: RO
|

| Hi -- Actually I am not a BC101 user. The program is written in BASIC and
| is quite brief. I wrote it for a fellow who has a BC101 that he is
| sentimentally attached to. It was his first scanner, and it still works
| well. Looking up switch settings is very tedious, and some frequencies are
| not even in the list. He is using it with an 800MHz converter to listen
| to the local trunked system, and the converted frequencies are not in the
| book. It works well for this purpose, and 16 channels is adequate.
|
| Since the program is short, I might as well include it with this message,
| so here it is:
|
| ------------------------------
|
```
| 100 rem A SIMPLE PROGRAM TO FIND SWITCH SETTINGS FOR BEARCAT BC101 SCANNER
| 101 rem Released without warranty for free use in the public domain.
| 102 rem Terence Brennan / Box 360491 / Melbourne, FL 32936
| 103 rem CompuServe: 76545,1625
| 104 rem Internet: 76545.1625@compuserve.com -or- brennant@delphi.com
| 105 CLS
| 110 KEY OFF
| 120 PRINT:PRINT
| 130 PRINT " *** PROGRAMMMING FOR BEARCAT 101 SCANNER ***"
| 132 PRINT" To exit program type Ctrl-C"
| 133 PRINT" To print screen type PrtSc"
| 140 PRINT
| 150 PRINT " SWITCHES
| 160 PRINT" Frequency 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16"
| 170 PRINT" -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --"
| 180 INPUT;" ";F
| 190 PRINT TAB(24);
| 200 IF F<30 THEN GOTO 360
| 210 IF F=>30 AND F=<50 THEN LET J=10340-INT((F*200)+.5)
| 220 IF F>50 AND F<146 THEN GOTO 360
| 230 IF F=>146 AND F=<174 THEN LET J=36940!-INT((F*200)+.5)
| 240 IF F>174 AND F<416 THEN GOTO 360
| 250 IF F=>416 AND F=<512 THEN LET J=40964!-INT((F*80)+.5)
| 260 IF F>512 THEN GOTO 360
| 270 LET WEIGHT=4096
| 280 FOR SWITCH=1 TO 13 STEP 1
| 290 IF J=> WEIGHT THEN PRINT USING "###";SWITCH;:LET J=J-WEIGHT ELSE PRINT" ";
| 300 LET WEIGHT=WEIGHT/2
| 310 NEXT SWITCH
| 320 IF F=>30 AND F=<50 THEN PRINT " 16"
| 330 IF F=>146 AND F=<174 THEN PRINT " 15"
| 340 IF F=>416 AND F=<512 THEN PRINT " 14"
| 350 GOTO 180
| 360 PRINT TAB(30);:PRINT"Not a valid frequency.":GOTO 180
```
|
| ------------------------------
|

| I hope that comes out correctly at your end. This Delphi editor does not
| let me view my message, I think.
|
| Hope that the program is of some interest or use to you.
|
| By the way, do you know what agencies around the country use the
| GE/Ericsson 16+ trunked system? If you have any information on this, I
| would be most interested to hear it.
|
| Thanks --Terence Brennan--
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1607. ICOM 7100 (Full Coverage)

Newsgroup: rec.radio.scanner
Date: 1995-02-02 14:38:34 UTC
From: pp002598@interramp.com
Message-ID: <NEWTNews.16809.791740257.pp002598@interramp.com>
Source record: 261924

Mint ICOM 7100 Wide Band Receiver (no cell lockouts). One year old. Unit is interfaced to PC via Delta Research package. Delta Research offfers scan rates in excess of 1300 channels per min. Check scanner mags. for details.

Would like to sell both the receiver and Delta interface as a package. Asking $1500.

Email @

pp002598@interramp.com

Dan

1608. Re: PRO-43 Mod - Discrepancy

Newsgroup: rec.radio.scanner
Date: 1995-02-02 14:49:06 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1995Feb2.094906@hnrc.tufts.edu>
Source record: 261775

In article <3gmecb$sae@solaris.cc.vt.edu>, plymale@mousetrap.es.vt.edu (Bill Plymale) writes:
> Jerry Dallal (gdallal@world.std.com) wrote:
>
> : Modifiable | Nonmodifiable
> : |
> : serial number no A in # | begins with A
> : FCC-ID AA020-300 | AA020-300A
>
> : example, 5A3 is May, 1993. The cutoff date after which units
> : could no longer be modifiable is April, 1994 (4A4). So far,
> : all units made before 4A4 are modifiable while all units made
> : after 4A4 are not modifiable. There has been a firm report of
> : a nonmodifiable unit with a 4A4 date of manufacture. There
> : may be modifiable units with a 4A4 date of manufacture, but
> : this has not been verified.
>
> I have a PRO-43 manufactured 3A4 that has a serial number beginning
> with 'A'. I have not disassembled it to see if the diodes in question
> are present. Any idea whether or not it is modifiable?

Trust the serial and FCC-ID numbers. I've modified the FAQ to make the date of manufacture (and also the Realistic/Radio Shack brand name variants) an open question.

1609. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-02 14:54:26 UTC
From: jfurr@acpub.duke.edu
Message-ID: <3gqrn2$3ua@news.duke.edu>
Source record: 261943
Cross-posted to: alt.config,alt.radio.scanner,uk.misc,rec.radio.scanner

paul@termcon.demon.co.uk wrote:
>I propose alt.radio.scanner.uk
>
>The main traffic in alt.radio.scanner concerns the U.S.A.
>
>It would be a good idea to have one dedicated to the U.K.

I suggest one of two options:

1) Put the keyword "UK" in the subject lines of messages on alt.radio.scanner and rec.radio.scanner (you did know there was a rec.radio.scanner, right?)

2) Get uk.radio.scanner created instead.

1610. Indianapolis Freqs??

Newsgroup: rec.radio.scanner
Date: 1995-02-02 15:09:08 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Feb2.150908.4732@news.csuohio.edu>
Source record: 261776

Title says it all...

I will be in Indianapolis next week. Can someone please email me
Indianapolis Police and Fire frequencies? I'll be downtown.

I can reciprocate with Cleveland area frequencies if you wish.

Thanks a lot.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

1611. FS: GRE Superconverter (800-900 Mhz Downconverter)

Newsgroup: rec.radio.scanner
Date: 1995-02-02 15:12:53 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-0202951013520001@157.176.66.37>
Source record: 261777

I have a new (in the box) GRE Superconverter. This is a small 2 inch module that attaches to the BNC antenna connector and downconverts the 800-900 Mhz band to 400-500 Mhz band.

I will ship this unit in its original box with manual for $75.

If you are interested, you can contact me via E-Mail or call me directly at 508-880-4292.

Thanks and 73s,

Ed--AA1IN

1612. Re: Cell phone antenna for scanner?

Newsgroup: rec.radio.scanner
Date: 1995-02-02 15:17:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.120.000F4CF5@ccm.hf.intel.com>
Source record: 261797

In article <3g95o4$ei1@info1.sdrc.com> Brian Morgan <brian.morgan@sdrc.com> writes:

>I have a cell phone antenna on my car I don't use anymore, and
>wondered if it was worth trying to hook it up to my scanner?
>I've got a BC 200XLT. Would it help reception at all, over the
>rubber duck antenna?
> Thanks!
> Brian
> brian.morgan@sdrc.com

It would work great on 800MHz, ok on 450MHz, and only so-so on VHF.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1613. Need Anderson/Greenville SC freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-02 15:46:11 UTC
From: ANDERSN@PRISM.CLEMSON.EDU
Message-ID: <3gquo3$o9i@hubcap.clemson.edu>
Source record: 261778

I'm looking for general (police, fire, etc.) frequencies for the area in and around Anderson SC. This includes Anderson, Oconee, Pickens, and Greenville Counties. Also, I'm looking for frequencies for SC state police.

Thank's in advance.

Kenneth R. Overly
andersn@prism.clemson.edu (re:Overly)

1614. Re: UK Freqs - Central Scotland

Newsgroup: rec.radio.scanner
Date: 1995-02-02 15:49:07 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <D3DqLw.Cw3@hpqmoea.sqf.hp.com>
Source record: 261779
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

Class Entry (caix035@ccsun.strath.ac.uk) wrote:
: I am looking for some specific freqs for central Scotland, military,police
: ambulance etc, if you know any then either post or mail me.
: Bob Smith

In Britain, it is illegal to listen to these things. The penalties
are rather large and/or long. Of course, such a crime is virtually
undetectable unless the perpetrator is either seen doing it, or in some
other way reveals that he has done it, perhaps by posting it on a public
forum ?

One police force used a spoof message (a flying saucer report!) over
its radio system, then sat back and arrested all the scanner toting
fools who turned up at the reported location :-)

Radio users are fast turning to encrypted systems for anything
of any importance, so, if you do try listening, it will likely prove
boring or indecipherable.

Cheers
David

1615. Re: Help with PRO-51 (8A4) and 800Mhz

Newsgroup: rec.radio.scanner
Date: 1995-02-02 15:52:43 UTC
From: horak@convex.com
Message-ID: <3gqv4b$qm2@eugene.convex.com>
Source record: 262149
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <3gp4h7$p3e@tattoo.sccsi.com> ptalbot@sccsi.com (Pat Talbot) writes:

>Mine gets all of the test frequencies *except* 888.96 Mhz after pressing
>2,9,L/OUT to enter test mode as has been described. My PRO-51 is one of
>the 8A4 units, however. The 66-88 Mhz range woke up though.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

My comparisons of my pro51 next to my Yupiteru MVT7100 show that although
this 66-88 band appears on the pro51, it is not very useable due to the
RF alignment. 66-72 isn't too bad but 72 on up is almost deaf.

FYI,

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

1616. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-02 15:54:55 UTC
From: horak@convex.com
Message-ID: <3gqv8f$qsu@eugene.convex.com>
Source record: 261780

In <x214if-.orkin@delphi.com> orkin <orkin@delphi.com> writes:

>Does anyone know if the polce use cellar,landline or other telephone service,
>when they are ask to call by phone. example:
>
> " this is 345 can you please call me at the station car 16?"

Most use cellular. Here in Plano, they use SW Bell cellular from 880-890,
891.5-894.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

1617. pro2024

Newsgroup: rec.radio.scanner
Date: 1995-02-02 16:08:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <2FEB199511081689@vax2.concordia.ca>
Source record: 261781

Hi everyone,
I'm looking for any mods to the above scanner. If you know of
any, please email me at HIRSCHJ@vax2.concordia.ca.

Thanks,
Jack

1618. Re: Foreign Cordless Phones

Newsgroup: rec.radio.scanner
Date: 1995-02-02 16:16:49 UTC
From: julian@kesteven.win-uk.net
Message-ID: <465@kesteven.win-uk.net>
Source record: 261782

In article <D35q0A.5Lo@cix.compulink.co.uk>,
"Hugo Cornwall" (hcorn@cix.compulink.co.uk) writes:

PS>UK cordless phones will work in the USA, provided you aren't
PS>concerned about local regulations and you take some precautions:
PS>
PS>1 UK line voltage is 240 volts 50Hz AC as opposed to the
PS>USA 115 volts 60Hz AC. The difference in AC frequency isn't
PS>significant for this purpose but the voltage is - you will need
PS>a transformer
PS>
PS>2 UK phone plugs/sockets are different from the US
PS>RJ-series. You will need to replace - it's not that difficult.
PS>
PS>3 The UK frequencies are different from the US - at 47MHz
PS>and approx 1800 KHz. You need to establish that 47 MHz is not in
PS>use in your locality for something else - TV perhaps?

The exact frequencies used are as follows:

Channel # Handset Tx (MHz) Base Tx (MHz) Mode

1-8 47.45625-47.54375 1.642-1.782 NFM

You may wish to check them out in your area :-)

These phones use the old CT1 spec analogue system.
Other cordles telephone allocations are at 865.05MHz - 867.95MHz.
30 channels WFM, but I'm not sure of the Base/Handset split, and
finally (I think), the following:

Channel # Handset Tx (MHz) Base Tx (MHz) Mode

1-79 914.0125-914.9875 959.9875-959-9875 NFM

PS>
PS>4 Although prices have dropped, UK cordless phones tend to
PS>be more expensive than the US equivalents.

CT1s appear from time to time at garage sales etc. very cheaply.

New, British Telecom's cheapest offer seems to be about UKP 68.00
excluding tax and shipping. I have seen them cheaper, but I can't
remember where.

Hope this helps.

Julian.
--

|Kesteven Communications | Whatever you do, |
|+44 181 723 6415 | Communicate! |

1619. northern Illinois hamfest/computerfest calendar

Newsgroup: rec.radio.scanner
Date: 1995-02-02 16:24:35 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3Ds8z.3BH@nntpa.cb.att.com>
Source record: 261824
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,sci.electronics.repair,rec.radio.shortwave

HAMFEST/COMPUTERFEST CALENDAR 1995 - NORTHERN ILLINOIS |
last updated February 2, 1995 |

o Please report additions or changes to Bob Parnass,
AJ9S, office phone: (708)979-5414, electronic
mail: parnass@ihlpf.att.com. Thanks to Dennis |
Dale for providing much of this information.

FEBRUARY |

Feb 19, Sunday: Rock Island, IL - Davenport Hamfest,
QCCA Expo Center, 2621 4th Avenue, Rock Island. Admis-
sion $5. 7:30 AM - 3:30 PM. Info, SASE to Kent Willi- |
ams, 4245 10th St., East Moline, IL 64244. tel |
(309)796-0718. |

MARCH

March 19, Sunday: Sterling, IL - Sterling-Rock Falls |
Amateur Radio Society hamfest 95. Sterling High School |
Field House, 1608 4th Ave. Admission $4. Starts at |
7:30 AM. Info, call Lloyd Sherman, (815)336-2434. |

March 26, Sunday: Grayslake, IL - LAMARS hamfest, Lake
County fairgrounds. All indoors. Doors open at 8 AM.
Setup at 6 AM. Talk-in on 147.945/147.345 and 146.52
MHz. Admission $5. Info, call Frank Avellone, W9GLO,
(708)234-4124 before 10 PM. |

APRIL

April 9, Sunday: Rockford, IL - Electronics Expo & Ham- |
fest. Rockford Metro Center. 300 Elm Street. All
indoors. 8 AM - 1:30 PM. Talk-in on 146.61, 223.88. |
Admission $5.00. Info, Wayne or Fay (815)397-6027. |

April 28, 29, 30: Dayton, OH - Dayton HamVention. Hara
Arena, Information, General: (513) 276-6930, *
Write: Hamvention, Box 964, Dayton, OH 45401-0964. |

May 28, Sunday: Chicago - Chicago ARC. DeVry Insti-
tute, 3300 N. Campbell. Starts 8 AM. Setup 6 AM. |
Admission $5. Kids under 12 free. Talk-in 147.255,
444.825. Info, (312)666-1606 or (312)545-3622. |

JUNE

June 4, Sunday: Princeton, IL - Starved Rock Radio |
Club. Bureau County Fairgrounds. Admission $5.
Talk-in 146.355/955. Info, Bruce or Debbie Burton, |
KU9A (815)795-2201. |

June 11, Sunday: Willow Springs, IL 6 Meter Club Ham-
fest, Six Meter Club of Chicago. Santa Fe Speedway,
91st Street and Wolf Road. Admission $5. Gates open
6AM. Talk-in on 146.52 simplex or 146.97 repeater.
Info, call Joe Gutwein, WA9RIJ, at (708)963-4922.

JULY

July 23, Sunday: Sugar Grove, IL - Fox River Radio |
League (FRRL) Hamfest, Waubonsee Community College, |
Route 47 at Harter Road, 5 miles NW of Aurora, IL. Set
up Sat 7 PM, Sun 6-8 AM, open to public 8 AM. Commer-
cial dealers, flea market, computer vendors, refresh-
ments. VE session: 10 AM (bring original license, a |
copy of license & photo ID). Free parking, camping |
nearby. Talk In on: 146.58/147.66. Adm: adv $4, door |
$5. Table: 8 ft $10. For advance tickets and informa- |
tion contact: Fox River Radio League, Box 673, Bata-
via, IL 60510-673 or call |

AUGUST

August 27, Sunday: Woodstock, IL - Tri-County Hamfest, |
Sponsor: Tri-County Radio Group, Inc. McHenry County
Fairgrounds, Rte. 47 Junst North of Rte. 14. |
(Only 14 miles North of I90 on Rte. 47.) 6 AM - 3 PM.
Advanced Tickets: $4.00, At The Door: $5.00 For advance
tickets send check to: T.C.R.G., P.O. Box 3107, Skokie,
IL 60076-6107 Information: 708-658-1678 Talk in on:
146.52 |

SEPTEMBER *

September 10, Sunday: Joliet, IL - Bolingbrook ARS |
Ham/Computerfest, Inwood Recreation Center, 3000 W.
Jefferson. This is a medium size hamfest with
indoor/outdoor flea market. Gates open 8 AM for gen-
eral public. Outdoor flea market on paved lot -- setup
at 6 AM. Use Exit 253 from I55, or Exits 126/130 from
I80. Admission $5. VE testing 9 AM - 12 noon. Bring
original license and photocopy, ID and photo ID, plus |
$5.95 test fee. Novice-only tests are free. Talk-in
147.33, 224.54, and 443.525 MHz repeaters. Indoor
table reservation, call Ed Weinstein at 708-085-0527.
Info, BARS Hotline (708)759-7005 between 6 AM and 9 PM. |

COMPUTERFEST SCHEDULE *

Feb 12, Sunday: Dolton, IL - Computer Show Dolton Expo |
Center, 14200 Chicago Rd. 9:30 AM - 3:30 PM. Adults |
$6, Kids $2. Call (708)974-3123 for info. |

March 5, Sunday: Dolton, IL - Computer Show Dolton Expo |
Center, 14200 Chicago Rd. 9:30 AM - 3:30 PM. Adults |
$6, Kids $2. Call (708)974-3123 for info. |

Computer Central, College of DuPAGE, Main Arena of the
Physical Education Building Park Blvd & College Road, |
Glen Ellyn, Il. 708-940-7547. $5 admission with card, |
normal admission $6.00. Opens 9:30 am - 3:00 pm.

1995 Show dates |
Jan 22 |
Feb 26, |
Mar 26 (at Harper College) |
Apr 23 |
May 21 |
June 18 |

Orland Park Computer Show held at The Orland Park Civic
Center, 147th Street & LaGrange Road, Orland Park, Il.
9:30AM - 3:00PM. Call 708-974-3123 for information or
to get on mailing list. Admission $5.00 or $4.00 with
card.

1995 Show dates |
Jan 15 |
Feb 19 |
Mar 19 |

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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1620. Re: Selling Cellular Modified Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-02 16:38:21 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D3Dsvx.BIs@freenet.carleton.ca>
Source record: 261783

In a previous posting, Randy DeForest (dooman@ix.netcom.com) writes:
> Is it against the law to sell a scanner that has been modified to
> receive cellullar transmissions?

The April 26, 1994 Ammendment to the 1986 ECPA makes it illegal to sell
scanners that can recieve or be modified to recieve cell transmissions.
It is however not illegal to possess a scanner that can recieve cell,
but it is illegal to listen to cell (amongst other stuff, like pagers)
Must have been written by Lawyers!!!

--

1621. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-02 16:42:05 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D3Dt26.Buz@freenet.carleton.ca>
Source record: 261784

In a previous posting, orkin (orkin@delphi.com) writes:
> Does anyone know if the polce use cellar,landline or other telephone service,
> when they are ask to call by phone. example:
>
> " this is 345 can you please call me at the station car 16?"
>
>
> I hear stuff like that all the time and was wondering if they run to a pay
> phone or a cellur or other phone system.

Depends... Here in Ottawa only supervisors have cell phones, so the others
will grab a landline..

--

1622. BC-2500 battery pack

Newsgroup: rec.radio.scanner
Date: 1995-02-02 16:51:31 UTC
From: Async User <wmerrell@grape.epix.net>
Message-ID: <Pine.SUN.3.91.950202164949.20536A-100000@peach.epix.net>
Source record: 261785

Does anyone know if it is possible to replace the batteries
in the BC2500 battery pack? Also, I understand that they
are not the standard "AA" cells. Does anyone know what
size they are and where new ones can be obtained?

1623. Re: McDonald's....sort of...

Newsgroup: rec.radio.scanner
Date: 1995-02-02 17:02:43 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <17339A964S86.WALLY@ukcc.uky.edu>
Source record: 261786

In article <D2ywoJ.IIr@iglou.com>
phantasy@iglou.iglou.com (David A. Adams) writes:

>Anyone know of the headsets in use at fast food locations (McD's, Taco
>Bell, KFC, etc.) use any type of PL tone encode/decode?

I would say scan somewhere from 150-160 very close to the place you want
to find the frequency for.. Perhaps do a scan while you can see someone
is at the drive through speaker..

Once you find out the frequency they use (usually the headsets have input/
output on the same frequency and the drive through -> headset is in the
30-40MHz range). This means it's easy to pick up both, just gotta know
where to look. Then just turn on PL tone decode on your radio and tune
the tones until you hear the person talking. Usually there is one for the
inside comms and one for outside.

Here's a couple places I know..

154.515 218.1 Arbys, inside only
154.515 162.2 Arbys, inside and outside
33.150 ???.? Goes with above Arbys
154.540 123.0 Inside 318 Arbys
154.540 88.5 Inside and Outside 318 Arbys
33.400 ???.? Goes with above Arbys.

154.600 141.3 McDonalds inside
154.600 107.2 McDonalds ouside

As you can see, different stores might use different frequency/tones.
Three McD's in this area use 154.6000 (green dot business freq), but
different PL tones. One even has some odd tone setup that I can NOT
figure out...

Anyway.. Have fun listening... McD's workers are rude, you'll just
get irritated... Isn't it bad enough to listen to 'em when you're
ordering? (In case you're wondering, I work at Arby's so it took me
5 minutes at each store to figure out the PL tones from the headsets
there, and got REALLY bored one day and figured out the McDs across the
parking lot..)

Walter _ Alinco 580
R _ // Wally@POP.UKY.EDU Wally@UKCC.UKY.EDU
Francis ⊗X/ Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU KE4UWN

1624. Re: Two way radio

Newsgroup: rec.radio.scanner
Date: 1995-02-02 17:42:27 UTC
From: julian@kesteven.win-uk.net
Message-ID: <467@kesteven.win-uk.net>
Source record: 261787

In article <droyD37Fu7.6JC@netcom.com>,
Dave Roy (droy@netcom.com) writes:
> stuart n meredith (stuart@snmere.demon.co.uk) wrote:
^^

>: I live in Stockport near Manchester and have a Scanner.
>
>: I listen to taxi's and I seem to get just the base radio. Has anybody found
>: the taxi driver's mobile radio?
>
>It would help if you said where you listen VHF ? UHF ?
>
>if vhf 152.??? look around 157.470-158.700

No. Not in the UK.

152.0000 - 152.9875 is police (England and SW Scotland) and fire
service (Scotland). 12.5 kHz spacing. Mobiles are DOWN 9.0 MHz.

>
>if uhf 451.700-452.175 look around up about 5 mgs 456-457 MHz

450.000 - 452.975 fire police and prison service (England and
Wales). 25 kHz spacing. Mobiles are UP 14.0 MHz.

I'd suggest 165.0125 - 168.2375, 12.5 kHz spacing, mobiles UP 4.8
MHz.

But of course this is a purely academic discussion, isn't it, as
we're not allowed to listen to them, are we. So we don't, do we?
No sir! we do not. Ever.

Regards,
Julian.

--

| Kesteven Communications | Whatever you do, |
| +44 181 723 6415 | Communicate |

1625. Re: Help on Bearcat Repair Center(s)

Newsgroup: rec.radio.scanner
Date: 1995-02-02 17:48:25 UTC
From: chris@ll.mit.edu
Message-ID: <3gr5t9$sao@testnews.ll.mit.edu>
Source record: 261788

```
|>
|> >A few months ago, someone posted a listing of Uniden/Bearcat repair
|> >facilities.
|> >
|> >I need the name and address of the one in Franklin Park, IL
|> >
|> >Could someone repost it for me, please?
|>
|> ELECTRONIC REPAIR CENTERS - FRANKLIN PARK, IL -
|> (708)455-5105
|> --
Are there any in Massachusetts? Or even New England?
```

1626. IMPEDENCE MISMATCH: NEED INFO

Newsgroup: rec.radio.scanner
Date: 1995-02-02 18:36:09 UTC
From: johnnie.martinez@hyperion.lanl.gov
Message-ID: <3gr8mp$3ev@newshost.lanl.gov>
Source record: 261789

I have a really nice Motorola mobile speaker that I'd like to connect to a RS PRO-2026 in my automobile. The potential problem is that the speaker is rated at 2 ohms impedence and the radio is rated at 8-ohms-output impedence.

Is this going to cause any problems for either the radio or the speaker? I've noticed that it's fairly common to connect 4-ohm-impedence speakers to 8-ohm-output impedence radios, but this particular mismatch is making me nervous.

Thanks in advance for any help. By the way, this is my first posting to the newsgroup. I hope it works . . .

1627. Boston, MA Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-02 21:00:40 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <17339E128S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 261790

I would appreciate any police, fire or amateur frequencies of interest in Boston, MA. Thanks.

1628. freqs for wxfax

Newsgroup: rec.radio.scanner
Date: 1995-02-02 21:30:58 UTC
From: ab409@cfn.cs.dal.ca
Message-ID: <D3E6Fn.Ly7@cs.dal.ca>
Source record: 261791

hi i am looking for wxfreqs for the eastern seaboard thanks ve1mus

--

```
_________________________________________________
| Barry Hallett Net ab409@cfn.cs.dal.ca |
| Call VE1MUS AX.25 VE1MUS@VE1BBS.NS.CA.NA |
| Grid FN84ii Packet Lan VE1NSD |
|-----------------------------------------------|
```

1629. PRO-2024 MODS ??

Newsgroup: rec.radio.scanner
Date: 1995-02-02 21:36:00 UTC
From: ronald.b#d#.barker@arch.com
Message-ID: <325.5122.111@arch.com>
Source record: 261792

I have an old PRO-2024 and was wondering if any mods for this scanner are available. I have a PRO-39 (modified) and was thinking of giving my old 2024 to a friend of mine...
Any help would be great
Thanks Ekalb ...

 CmpQwk #UNREG UNREGISTERED EVALUATION COPY


```
-------------------------------------------------------
Internet: ronald.b#d#.barker@arch.com (Ronald B. Barker)
Archives BBS <user@arch.com> 1-713-722-7724 Houston, Tx
-------------------------------------------------------
```

1630. AR1000XLT Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-02 21:48:30 UTC
From: eri316@tijc02.uucp
Message-ID: <1995Feb2.214830.11830@tijc02.uucp>
Source record: 261793

A couple of weeks ago someone posted a source for AR1000XLT mods
or additions. But I lost the article. Could someone please repost?

Thanks,
Ed

1631. Re: FOR ALL TO READ about Selling Modded Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-02 22:10:57 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3grl9h$2ab@roch0.eznet.net>
Source record: 261794

usa@max.tiac.net (Amiga 2000HD) wrote:
>
>
> I got this out of the back of POP' Comm'.. Some of you may already know
> this...
>
>
> ====================================
>
> Under U.S. Code Provision SEC 2512 (2) restricted sales to the following:
> "(2) It shall not be unlawful under this section for- (a) a provider, in
> the normal course of business of providing that wire or electronic
> communication service, or (b) an officer, agent, or employee of, or a
> person under contract with, the United States, a State, or a political
> subdivision thereof, in the normal course of the activities of the United
> States, a State, or a political subdivision thereof, to send through the
> mail, send or carry in interstate or foreign commerce, or manufacture,
> assemble, possess, or sell any electronic, mechanical, or other device
> knowing or having reason to know that the design of such renders it
> primarily useful for the purpose of the surreptitious interception of
> wire, oral, or electronic communications."
>
>
> Basically YES you can send modified scanners through the mail.. This
> even covers a Cellular ESN grabber....WOW..what you learn by reading the
> fine print :)...

Read it more carefully. You can send those scanners through the mail
IF you are a cellular service provider or an agent of the government, which
primarily means law enforcement officer in context of the rest of the law.

1632. Re: Selling Cellular Modified Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-02 22:16:53 UTC
From: wierz@gouda.cad.melpar.esys.com
Message-ID: <D3E8K5.3AA@melpar.esys.com>
Source record: 261795

In article <D3Dsvx.BIs@freenet.carleton.ca>, ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:

|> The April 26, 1994 Ammendment to the 1986 ECPA makes it illegal to sell
|> scanners that can recieve or be modified to recieve cell transmissions.
|> It is however not illegal to possess a scanner that can recieve cell,
|> but it is illegal to listen to cell (amongst other stuff, like pagers)
|> Must have been written by Lawyers!!!
|>

NO, NO, NO! It is NOT illegal for someone to sell a moded or modifiable scanner!! Radio Shaq still sells PRO-2006's. It's illegal to manufacture them.

****
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
****

1633. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-02 22:33:54 UTC
From: ptalbot@sccsi.com
Message-ID: <3grmki$1pq4@news-s01.ny.us.ibm.net>
Source record: 261796

> That MOD was for PRO-51 with the date code of 7A4 or before.
> I don't think there is a keyboard mod for that date.
>
>--
>James Naus
>

Anybody know of a hardware mod for the PRO-51 to enable 869-896Mhz?

//--
// Pat Talbot, CNE, Team OS/2 (ptalbot@sccsi.com , ptalbot@bama.com)
// Cruising past Microsoft at Warp3. Avoid the rush, get warped early!
// If you're not living on the edge, you're taking up too much room
//--

1634. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-02 23:35:52 UTC
From: sjacobs@vnet.net
Message-ID: <3grq8o$kqj@ralph.vnet.net>
Source record: 261798

In article <3govt3$cmm@mailer.fsu.edu> naus@xi.cs.fsu.edu (James Naus) writes:
>Pat Talbot (ptalbot@sccsi.com) wrote:
>: I tried the various keyboard test methods to get the omitted 800Mhz
>: frequencies back on my PRO-51 8A4, here are my observations after
>: pressing 2,9,L/OUT:
>
>: The 66-88 Mhz frequencies are now available. Cool.
>
>: The 888.96 Mhz frequency that is supposed to be in CH23 is instead
>: 857.2125. Not cool at all. Can't get between 869-896 Mhz.
>
>: I notice that 857.2125 is one step above CH22. How nice - NOT!!!
>
>: Does anybody know of a way to modify the PRO-51 8A4 to get 869-896Mhz
>: range available? Thanks in advance for the time of the helpful...
>:
>: //--
>: // Pat Talbot, CNE, Team OS/2 (ptalbot@sccsi.com , ptalbot@bama.com)
>: // Cruising past Microsoft at Warp3. Avoid the rush, get warped early!
>: // If you're not living on the edge, you're taking up too much room
>: //--
>
> That MOD was for PRO-51 with the date code of 7A4 or before.
> I don't think there is a keyboard mod for that date.
>
>---
>James Naus
>

How about the 11A4? I have the PRO-51 with that date code..

Steve

1635. Looking for MR8100

Newsgroup: rec.radio.scanner
Date: 1995-02-02 23:42:57 UTC
From: bsingh@ny.jpmorgan.com
Message-ID: <3grqm1$gqs@archive.ny.jpmorgan.com>
Source record: 261799

I'm looking to purchase used Uniden MR8100 with manual and software.

Any takers ?

Bisham

1636. PRO 2006 vs 2035

Newsgroup: rec.radio.scanner
Date: 1995-02-02 23:54:45 UTC
From: milliron@ix.netcom.com
Message-ID: <3grrc5$t3b@ixnews3.ix.netcom.com>
Source record: 261800

Does anyone have any comments or opinions about the PRO 2006 vs the PRO 2035 (not counting the mods available for the 2006). I am tying to find out if there any any new features for the 2035 or if it is just a reworked, non-modifiable 2006 clone.

1637. News In The World Of The AR8000 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-03 00:11:38 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3grsbq$el1@nntp.crl.com>
Source record: 261747
Cross-posted to: rec.radio.scanner,alt.radio.scanner

If you plan to get rid of your AR8000 now is the time to do so. There seems to be even more interest developing in this scanner then before. Marvin Moss an acquaintance with Lockheed Corp. periodically mails me information that he believes would be of interest.
This week he mailed me a review from the RCSA Journal and it was a positive piece on this incredible radio. He called an left a mesage on my answering machine that there was a piece in Popular Comunications, but neither of us though the review would justify a postage stamp for me to read much less my going out of my way to buy a copy. He said it was positive also.
Today I got the grand daddy of all positive reviews from Marvin taken from U.S. Scanner news, january 1995. It is entiled "A New Concept in Scanners - The AR-8000 Has Them All Beat"
The article starts...

"The AR8000 is the first of a new breed of scanner- or we hope it is - and not just one of a kind. Since this is sort of a preview and not meant to give a detailed review of the scanner (we will do that in the next issue of USSN), we are going to summarize sections of the owner's manual. While I am on the subject of the owner's manual- it is by far- and then some, the best manual ever printed for any scanner! There are 115 pages packed with detailed information, printed in easy-to-understand format. There are none of the translating errors that you find in most manuals from Japan. The owners manual is the first indication that you are about to have an out-of-the-ordinary experience in the world of scanning.

I should say here that I had the scanner for one week before it was sent off to one of our reviewers. I have used many handheld scanners over the years and I can say in full confidence that the AR8000 is by far the best I have ever used. As a matter of fact, it will rival the performance of any base, mobile, or portable scanner on the market, now or in the past."... and so it continues for twenty four more paragraphs and a half page of specifications in an accompaning table.

I have tried the little cellular phone holder and generally found it to be a pain in the neck in many vehicles. It works but it tends to get in the way of either the steering wheel, wiper controls or whatever. I finally took it apart and made it smaller and left it in my Toyota Corolla which I use to commute to work in. I have to read the display through part of the steering wheel but it seems OK with the

AR8000. It is too insecure to handle my much heavier handy talkie.

I found an fantastic buy for an external antenna from MFJ for mobile use. Ham Radio Outlet was selling these magnetic mount antennas with the cellular look that is a 1/4 wave on 2 meters and 5/8 on 70 cm. That means it has 3 dB gain around 440 - 460 MHz. The antenna is painted black and looks very nice on a white surface. The cost for this is a mere $14.95 complete and they even include an SO239 to BNC connector which you will need to attach the coax to the scanner. I bought several. At that price I can afford to have a few stolen now and then! For comparison another mag mount antenna I own cost well over $100 complete.

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

1638. Re: Baby Monitors - where in spectrum?

Newsgroup: rec.radio.scanner
Date: 1995-02-03 00:32:39 UTC
From: critter@wizvax.wizvax.com
Message-ID: <1995Feb3.003239.23502@news.wizvax.com>
Source record: 261801

In article <3gf8u7$npr@insosf1.infonet.net>, <aldrich@ins.infonet.net> wrote:
> Hi Jeff I think there's 3 or 4 freqs. I know 49.830 is one of 'em.
> Just search 49.600 to 50.000 and you'll hear 'em if there's any to hear!

Just dug them up, there are five of them, and they are 49.830, 49.845,
49.860, 49.875 and 49.890 MHz. You may also find a cordless phone or
two, since these are five of the ten used for handset to base on them.

Hope this helps.

--
Glenn C. Lasher, Jr.
critter@wizvax.com
finger for PGP key

1639. Re: PRO 2006 vs 2035

Newsgroup: rec.radio.scanner
Date: 1995-02-03 01:03:42 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1995Feb2.200342@hnrc.tufts.edu>
Source record: 261802

In article <3grrc5$t3b@ixnews3.ix.netcom.com>, milliron@ix.netcom.com (William Milliron) writes:
> Does anyone have any comments or opinions about the PRO 2006 vs the PRO
> 2035 (not counting the mods available for the 2006). I am tying to find
> out if there any any new features for the 2035 or if it is just a
> reworked, non-modifiable 2006 clone.

See Bob Parnass's comprehensive review in the January MT. The subtitle is "How does it compare with the PRO-2006?"

1640. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-03 01:14:58 UTC
From: gregh@hprnd.rose.hp.com
Message-ID: <3gs02i$b56@hpchase.rose.hp.com>
Source record: 261803

KNOB! (knob@netcom.com) wrote:

: 8A4 is the first date code that is **NOT** modifiable easily
: (i.e. no brown wire to cut, no keyboard mods). Take it back and find a
: 7A4, those are easy to find in most areas, they can take a keyboard mod
: (2+9+BAND, then 2+9+L/O).

I took back my 10A4 after finding out the mod didn't work and exchanged
it with a demo unit. The demo units are usally 7A4s or later. Gee they
missed those while sending the stock back to get reworked. A friend
had a 8A4 and did the same, returning it to Rat Shack. They gave him
a rash-o-shit for doing the exchange but he was persistant saying the
keyboard didn't feel right. :)

... Ok everyone raid your local Rat Shack.

--

Greg Holdren
gregh@hprnd.rose.hp.com

1641. BBS's in CA for Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-03 01:29:17 UTC
From: jima119256@aol.com
Message-ID: <3gs0td$ap0@newsbf02.news.aol.com>
Source record: 261804

I will be in Santa Monica and Aniheim next week and wonder if there were
any bbs that would acces for scanner enthusiast.

1642. Re: 200-400 MHz and Full Cell on PRO-51?????

Newsgroup: rec.radio.scanner
Date: 1995-02-03 02:13:02 UTC
From: knob@netcom.com
Message-ID: <knobD3EJHq.MMo@netcom.com>
Source record: 261805
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1995Feb1.175526.26014@sequent.com>,
Troy Wecker <troy@sequent.com> wrote:

knob-:The local Radio Shacks have the PRO-51 on sale for $219. I've seen
knob-:the postings on how to get cellular coverage and I have a few
knob-:questions before getting one.

Sale's over, dude...

knob-:
knob-:o Since there are several breaks in the 800MHz coverage won't the
knob-:keypad mod (2,9, and moni to get 888.68MHz) only allow coverage in the
knob-:break that includes the 888MHz? If not how are the other breaks
knob-:restored?

Yes. What's in the other space???

knob-:o Are there other mods for the PRO-51? Is it likely there will be
knob-:other mods discovered later? I'd like the mods if they are available.

I've seen one that disables the keyboard (and battery low) beeps. Nice

knob-:o 200-400MHz (Military) coverage interests me since I'm near an Air
knob-:Force base. Can the PRO-51 be modified to hit this band? This is
knob-:an AM band? Can any other handheld be modified to reach it other than
knob-:the PRO-43 which has it from the factory?

Don't know about this one

--
==
DON'T TREAD ON ME!
==========================email to knob@netcom.com============================

1643. Can the newer Pro-2030's be modified for cellular?

Newsgroup: rec.radio.scanner
Date: 1995-02-03 02:35:29 UTC
From: knight@crash.cts.com
Message-ID: <D3EKJ8.73v@crash.cts.com>
Source record: 261806

I was just wondering: Is it possible to modify the newer Pro 2030 scanners so it can get cellular? I saw this ad in Popular Communications and hey had this place that will do it for you for $40. The Pro 2030 (which I have) was listed as one of the ones they can modify. But does that include the newer ones like mine? I hope it does...even if it didnt, it seems like $40 would be a ripoff for even modifying the older ones since all u have to do is cut that one jumper. Anyway..if anyone one can answer my question...thanks!

Jonathan Bulliung
Knight@ctsnet.cts.com

1644. Re: PRO-43 Modifications FAQ

Newsgroup: rec.radio.scanner
Date: 1995-02-03 02:53:15 UTC
From: gdallal@world.std.com
Message-ID: <D3ELCr.Ks7@world.std.com>
Source record: 261807

I wrote:
: Would someone send me the solderless (X-acto knife) extended RX
: modification so that I might include it in the FAQ?

I got it. Thanks.
Original post is canceled.

1645. Re: Found: computer-controlled "scanner" (< $50)

Newsgroup: rec.radio.scanner
Date: 1995-02-03 03:03:05 UTC
From: mcias@aol.com
Message-ID: <3gs6d9$c67@newsbf02.news.aol.com>
Source record: 261808

Hi, I purchased a card like this for my computer what whould you suggest
to enable me to scan other freq's. The fm radio works ok as long as I
have it connected to an outside antena, though crummy reception otherwise.

McIAS@AOL.COM

1646. Bearcat Computer Controlled Scanning?

Newsgroup: rec.radio.scanner
Date: 1995-02-03 03:06:17 UTC
From: mcias@aol.com
Message-ID: <3gs6j9$c8e@newsbf02.news.aol.com>
Source record: 261809

Hi, Is there any one out there that could explain to me why bearcat has come up with a computer controlled Scanner yet? Does anyone know if a side vendor may have this as a retrofit? I would really be interested .

McIAS@AOL.COM

1647. PRO 2035

Newsgroup: rec.radio.scanner
Date: 1995-02-03 03:14:04 UTC
From: austinr@nr.infi.net
Message-ID: <3gs71s$nn1@lucy.infi.net>
Source record: 261810

I would like to know if anyone know anything about PRO 2035 (the 1000 channel scanner).
Can it be modified for cellular? Is it a better unit than the PRO 2006.
I an trying to decide which to get.

1648. Re: dots,dots,dots

Newsgroup: rec.radio.scanner
Date: 1995-02-03 04:16:04 UTC
From: rotnapple@aol.com
Message-ID: <3gsam4$dc5@newsbf02.news.aol.com>
Source record: 261811

Here are some of the color dot frequencies;

462.625 - black
462.675 - orange
462.575 - white
462.550 - yellow
462.500 - brown
151.955 - purple
151.625 - red
154.570 - blue
154.600 - green

Greg
RotnApple

1649. Re: For Anyone Interested in an AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-03 04:18:11 UTC
From: rotnapple@aol.com
Message-ID: <3gsaq3$dda@newsbf02.news.aol.com>
Source record: 261812

As of Jan 24 Javation had the AR8000 going for $624 US and the Customs fee was $35 US.

P.S. buy the case from them at the same time.

Greg
RotnApple

1650. DDI/CSI

Newsgroup: rec.radio.scanner
Date: 1995-02-03 04:30:34 UTC
From: MAGICMAGIC@news.delphi.com
Message-ID: <3gsbha$23b@news2.delphi.com>
Source record: 261813

Anyone selling a used DDI or CSI? Please email me with asking price.
Thx...

1651. Re: Bearcat Computer Controlled Scanning?

Newsgroup: rec.radio.scanner
Date: 1995-02-03 05:05:49 UTC
From: bharper@vt.edu
Message-ID: <bharper-0302951405490001@harper.cc.vt.edu>
Source record: 261814

In article <3gs6j9$c8e@newsbf02.news.aol.com>, mcias@aol.com (McIAS) wrote:

> Hi, Is there any one out there that could explain to me why bearcat has
> come up with a computer controlled Scanner yet? Does anyone know if a side
> vendor may have this as a retrofit? I would really be interested .
>
> McIAS@AOL.COM

There was one at one time, at least 10 or 12 years ago. It connected to
a Commodore 64 and used the computer to keep track of the frequencies.
Beyond this, I don't remember much, such as model name or designation, but
maybe this will jog someone's memory. There are sure to be some C-64s out
and about, if you are luck enough to track down this scanner.

Bruce in Blacksburg

--
Bruce B. Harper bharper@vt.edu
Distributed Information Systems (703)231-4360
Virginia Tech Computing Center
1700 Pratt Drive Region Director,
Blacksburg, Virginia 24060 New River Valley DPMA

1652. Frequency Listing

Newsgroup: rec.radio.scanner
Date: 1995-02-03 05:12:59 UTC
From: danthony@holli.com
Message-ID: <D3EJw2.E0L@dorite.use.com>
Source record: 261815

I'm interested in finding scanner frequencies for my local area. Any one know of resouce out there on the internet that can provide this type of information? Is there some gopher site where all this is kept up to date?

1653. icom icr1 comp control

Newsgroup: rec.radio.scanner
Date: 1995-02-03 06:23:57 UTC
From: v078l3eg@ubvms.cc.buffalo.edu
Message-ID: <D3Ev3y.L9F@acsu.buffalo.edu>
Source record: 261816

I was looking in my EEB 1995 catalog and on page 91 under commercial mods
I found a mod for the Ic-r1 that allows for computer controll when used with
their interface box between your computer and the scanner
One hitch, they want 800$ for the setup!

Anyone have this mod done, or have a copy of the schematics for the mod?

Thanks!
replys in e-mail preffered, post if you like!

1654. The WORLDWIDE UTE NEWS Club

Newsgroup: rec.radio.scanner
Date: 1995-02-03 07:00:48 UTC
From: ae411@yfn.ysu.edu
Message-ID: <3gskb0$587@news.ysu.edu>
Source record: 261817
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

```
======================================================================
\\\\\ The WORLDWIDE UTE NEWS Club /////
\\\ An Electronic Club Dealing Exclusively in Utility Stations ///
\\\\ /////
======================================================================
```

Hello everyone!

With Speedx ceasing publication this month, several of the members efforts went into a replacement so there would be a continuing source of utility information, QSL's and logs.

After discussions with many of you via e-mail (many were non-Speedx members, or members of other SWL clubs worldwide) The WORLDWIDE UTILITY NEWS Club...or WUN (Like we're #1), was born.

WUN will be unique in that it will be the first dedicated 'utility station' club and the first electronic club with an electronic newsletter. "Members" join by simply sending their e-mail address to me, as I have agreed to continue to edit the newsletter as I did in the past with the Speedx electronic edition. There are no club dues. However, those without computer/internet access must pay the cost of printing and mailing. Tim Braun (dpht10d@prodigy.com) has volunteered to publish the paper edition. More information as to cost and a mailing address will be announced.

What else is required of you? Nothing really. I would sure hope WUN is supported by members sending their utility logs (SSB or digital), utility station QSL's and info, news and information along. A February edition is planned, so we need some data as soon as possible! I'm not real concerned as to format, but logs should include the frequency, callsign/station ID, UTC time, mode, and any remarks as to what was logged. We can also use an "alias" for those not wishing their real names used.

From input we have received, the columns will be:
a. International Civil Aero
b. Maritime
c. Military
d. Other SSB News and Unidentified's (non-aero, non-maritime, non-military)
e. Digital News & Info
f. Logs
g. New products, and reviews
h. QSL's -received and info

This may change more or less depending on member input.

Any questions, information, or to join, please contact me at
ae411@yfn.ysu.edu

Rick "RD" Baker

--
Rick Baker (ae411@yfn.ysu.edu)
Recorded live and direct from downtown Austintown, Ohio

--
Rick "RD" Baker (xx159@yfn.ysu.edu) | "Happiness is a Band Opening"
SWL Sig Sysop | Wily E. Coyote (famous inventor)
Youngstown Free Net |

1655. Define "scanner"

Newsgroup: rec.radio.scanner
Date: 1995-02-03 08:27:17 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.306.001E27F7@mail.mei.com>
Source record: 261147

In article <3gtaqi$6pba@usenetp1.news.prodigy.com> SXSK28A@prodigy.com (Hugh Holt) writes:

>The section you quoted does not exempt private individuals from the ECPA.
> It applies only to government employees acting on behalf of the
>government or to commercial communication services.

>So based on this section, it would be unwise to jump to the conclusion
>that a private individual selling a modified, cellular capable scanner
>through the mail has no problem with the ECPA. However, as a practical
>matter the risk of prosecution may be low. But there is a difference
>between NO risk and low risk.

So just HOW do all these unenforceable laws define "scanner" or
"scanning receiver"?

I can get into test mode on my Motorola cellular flip phone
and receive other channels too. It doesn't actually scan,
but it will let you enter a cellular channel number, which
can then be monitored. Is my cellular phone ITSELF illegal?

Is my $10,000 IFR spectrum analyser (which will demodulate anything
and receives cellular just fine) illegal? ;-) Can I mail it? ;-))

Don't ya just love Big Brother??

```
P A R A D I S E * *
TAR & ASPHALT * * * *
* * )
__ * ) (
|| _____ || kevin.jessup@mail.mei.com (
\|||/ ++ ) [ ]
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_\/ \_-- \___ ****__________****_____________________________________
"Paving paradise and putting up parking lots."
```

1656. WANTED: antenna for CB and scanner; scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-03 08:42:17 UTC
From: cameltoe@ripco.com
Message-ID: <D3F1II.Ex9@rci.ripco.com>
Source record: 261554
Cross-posted to: alt.radio.scanner,rec.radio.cb,rec.radio.scanner

I am looking for 3 things:
1- if possible, an all frequency antenna that would allow me to recieve CB, AM/FM, and ALL scanner frequencies. I would also like to transmit CB with this antenna. Is there such a thing for a car? If not, is there an antenna that would recieve all of the above frequencies, and a second one (presumably a CB antenna) that I would use to transmit. Additionally (I know that this is asking a lot), could this be screwed onto a bolt - where my current car am/fm radio antenna is attached - this is for a '94 Pontiac Firebird.
2- A good quality CB. Something small would be nice since I have very little room to mount this in.
3- A very good quality scanner - preferably something that has continuous coverage - no blocked frequencies (yes, even cellular if possible). I am also curious if anyone makes a scanner that can be mounted in the hatch of my car, with only the control plate needing to be mouted on my dash somewhere - as I said I have very little space to mount anything in my dash.
If anyone has any information please reply to this message, or if possible PLEASE reply via email.
Thank you...

--

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1657. Gold Coast Fire Net

Newsgroup: rec.radio.scanner
Date: 1995-02-03 08:47:55 UTC
From: bsherman@sefl.satelnet.org
Message-ID: <3gsqjr$b0q@sefl.satelnet.org>
Source record: 261819

Gold Coast Fire Net - A fire notification system
305-944-2111 - - - Internet: bsherman@satelnet.org

Instant notification of all working fires around South Florida.

Notification of major incidents from our affiliates in Atlanta, Boston,
Denver, Detroit, Hartford, Los Angeles, New Jersey, New York, Phoenix, Tampa, Virginia and
Washington DC.

Gold Coast Fire Net (GCFN) gathers information from many sources including
media services, scanner listeners, and firefighters. The information is then
dispatched to everyone on the network within moments of its receipt and confirmation.

You get Alpha Numeric messages delivered right to your Motorola Advisor
pager from the net, as well as being able to receive personal pages on
the same pager.

We are always looking for more dispatchers, so if you are interested
in being one, we would like to hear from you.

If you are interested in fire related events, or like to keep on top of
what's going on in your area long before you see it on TV or hear it
on the news, contact us for complete information.

Contact Bob Sherman at 305-944-2111 (a Miami number) or via the internet
at bsherman@satelnet.org.
--
bsherman@satelnet.org

1658. Summary of Pro-51/Pro-62 question

Newsgroup: rec.radio.scanner
Date: 1995-02-03 08:49:32 UTC
From: topaz@cc.lut.fi
Message-ID: <D3F1uL.FGG@lut.fi>
Source record: 261818

Hello!

Here is a summary of the replies I've received for my question on
RS Pro-51/Pro-62 differencies and user experiences:

> I've been considering buying a scanner. Originally I was looking for
> the Pro-43, but as it is, obtaining one is not so easy any more.
> It is also a bit old, so I figured I might as well go for the new models.
>
> I found a couple of interesting ones from the '95 RS catalog: PRO-51 and
> PRO-62. They are both about the same price, have pretty much the same
> frequency ranges and include about the same features. Since RF interference
> shouldn't be too much of a problem I might take the extra speed of 51
> instead of the triple conversion of 62. But the question is:
>
> Are these radios in other respects about the same?
>
> I know that 51 uses 4 batteries compared to 62. Do they last about as long
> or do I get more with extra batteries (couple of hours more, better sound,
> better lights, better reception, etc)? What else should I consider?

- both models have been on sale at RS for about $219
- usually the changes have been from 51 -> 62 -> 43
- Pro-51 may skip some weak signals because of faster scanning rate
- somebody has experienced "too much TV image interference in the
800Mhz band from signals in the 500-700 Mhz range" using Pro-51
- scanning speed has not been a deciding factor for people
- with Pro-51 it is possible to get cellular (with proper date code)
as it is with older Pro-43s
- "the squelch noise was very noticeable on the 51" (compared to 62)
- in some respects the Pro-62 should be better than Pro-43
(intermod rejection, scanning rate)
- Pro-43 still seems to be The Choice (if available)

Thank you for all those who responded. Your information has been very
valuable to me! Personally I chose the Pro-62 for the following reasons:

- didn't need the cellular band
- scanning speed didn't seem to be as important as i thought
- didn't miss the bands missing from Pro-62 (compared to Pro-43)
- Pro-43 is harder to get & more expensive than Pro-62, but in
other respects quite similar
- $219 for Pro-62 was a good deal

Thank you,

Arto Selonen
--
///-----///-----///-----///-----///-----///-----///-----///-----///-----///
Arto Selonen ! telephone: +358 53 412 5319 ! I don't mind doing it.
Ruskonlk. 13-15 B9 ! e-mail: Arto.Selonen@lut.fi ! I don't mind not doing it.
53850 LAPPEENRANTA ! (UUCP): topaz@kzinti.lut.fi ! I know nothing about it.

1659. AOR8000 vs MVT-7100

Newsgroup: rec.radio.scanner
Date: 1995-02-03 09:09:03 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <3gteur$mvu@mrnews.mro.dec.com>
Source record: 261731

What are the performance differences between them? Is one any better
than the other receiving wise? I realize the computer interface is a plus
but what about the receiver?

thanks,
Ken

1660. EKA!! New PRO-51 successfully modified to r&#65533;W>Message-ID: <

Newsgroup: rec.radio.scanner
Date: 1995-02-03 09:14:00 UTC
From: "!! New PRO-51 s01-25-95"
Message-ID: <5d.1669.1921@tscnet.eskimo.com>
Source record: 261820

tol$355@newsbf02.news.aol.com>
W>Newsgroups: rec.radio.scanner
W>Organization: America Online, Inc. (1-800-827-6364)

W>OK, so that's how it's done for the 51. What about for the 8000?

WHOA, Wait a minute i missed the previous message, how is it done to the
pro-51 ? and what exactly is being done to the pro-51

/-/ighlander
aka
Mac@tscnet.eskimo.com %D%T

&#65533; CmpQwk #UNREG&#65533; UNREGISTERED EVALUATION COPY

1661. UK Frequency guides

Newsgroup: rec.radio.scanner
Date: 1995-02-03 10:29:32 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6220@rook.ukc.ac.uk>
Source record: 261821

HAs anyone tried something called "The VHF/UHF Scanning Frequency Guide"
or a name close to that? I think it has a radio telescope pictured on
the front.
HOw does it compare to the UK Scanning Directory?

THanks.....

--
"You do not have to say anything. But it may harm your defence
if you do not mention when questioned something which you later
rely on in court. Anything you do say may be given in evidence.

1662. Re: Calculator

Newsgroup: rec.radio.scanner
Date: 1995-02-03 11:11:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.121.000B333A@ccm.hf.intel.com>
Source record: 261733

In article <3glo6p$3e6@nonews.col.hp.com> dkm@col.hp.com (David K Martin) writes:

>My Pro-43 will lock onto audio signals from one of my CD players. The audio
>from the CD can be heard fairly clearly on several frequencies and distances
>of up to a meter away from the CD player. Even with the audio leads removed
>and a full metal case for the CD player, there still seems to be a fair
>amount leakage though the plastic front panel.

>Dave Martin - dkm@col.hp.com

I kept hearing this weird RF noise on several channels on my scanner, but
could never figure out what it was since it would come and go at random
intervals. The other night as I put the cordless phone back on the base
(charger) it started this pulsing noise on my scanner. When I took it off,
the noise stopped. Problem solved. The phone must have some chip that
controls the charging.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1663. Re: UK Frequency guides

Newsgroup: rec.radio.scanner
Date: 1995-02-03 12:25:49 UTC
From: paul@termcon.demon.co.uk
Message-ID: <332717675wnr@termcon.demon.co.uk>
Source record: 261822

In article: <6220@rook.ukc.ac.uk> dpfg@ukc.ac.uk (Duncan) writes:
>
> HAs anyone tried something called "The VHF/UHF Scanning Frequency Guide"
> HOw does it compare to the UK Scanning Directory?

The VHF/UHF Scanning Frequency Guide is no way comparable to
the UK Scanning Directory.

The latest edition of UK Scan Dir edition 4 has over 20000
frequencies listed, and is very accurate, It's compiled by a
company in Scotland, Interproducts, from lists sent in by
scanner users.

I can reccomend it highly.

It's that good, they tried to BAN IT!!!

--
****
* Paul Jones paul@termcon.demon.co.uk *
* *
* Birmingham, England. PGP2.6 key available *
****

1664. Re: FOR ALL TO READ about Selling Modded Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-03 13:24:34 UTC
From: SXSK28A@prodigy.com
Message-ID: <3gtaqi$6pba@usenetp1.news.prodigy.com>
Source record: 261823

The section you quoted does not exempt private individuals from the ECPA. It applies only to government employees acting on behalf of the government or to commercial communication services.

So based on this section, it would be unwise to jump to the conclusion that a private individual selling a modified, cellular capable scanner through the mail has no problem with the ECPA. However, as a practical matter the risk of prosecution may be low. But there is a difference between NO risk and low risk.

1665. Re: Selling Cellular Modified Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-03 13:38:10 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.123.000DA347@ccm.hf.intel.com>
Source record: 261739

In article <3gp24l$9un@ixnews3.ix.netcom.com> dooman@ix.netcom.com (Randy DeForest) writes:

>Is it against the law to sell a scanner that has been modified to
>receive cellullar transmissions?

If it was for a business, and the scanners were being sold as new. it would be illegal. It is not illegal to sell a used modified scanner.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1666. Re: FOR ALL TO READ about Selling Modded Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-03 14:24:23 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <D3FHCo.Ev3@melpar.esys.com>
Source record: 261725

```
In article <3grl9h$2ab@roch0.eznet.net>, D Stark <dstark@eznet.net> writes:
|> usa@max.tiac.net (Amiga 2000HD) wrote:
|> >
|> >
|> > I got this out of the back of POP' Comm'.. Some of you may already know
|> > this...
|> >
|> >
|> > ====================================
|> >
|> > Under U.S. Code Provision SEC 2512 (2) restricted sales to the following:
|> > "(2) It shall not be unlawful under this section for- (a) a provider, in
|> > the normal course of business of providing that wire or electronic
|> > communication service, or (b) an officer, agent, or employee of, or a
|> > person under contract with, the United States, a State, or a political
|> > subdivision thereof, in the normal course of the activities of the United
|> > States, a State, or a political subdivision thereof, to send through the
|> > mail, send or carry in interstate or foreign commerce, or manufacture,
|> > assemble, possess, or sell any electronic, mechanical, or other device
|> > knowing or having reason to know that the design of such renders it
|> > primarily useful for the purpose of the surreptitious interception of
|> > wire, oral, or electronic communications."
|> >
|> >
|> > Basically YES you can send modified scanners through the mail.. This
|> > even covers a Cellular ESN grabber....WOW..what you learn by reading the
|> > fine print :)...
|>
|> Read it more carefully. You can send those scanners through the mail
|> IF you are a cellular service provider or an agent of the government, which
|> primarily means law enforcement officer in context of the rest of the law.
|>

Incorrect! The above section of the law says it is NOT ILLEGAL for a provider
or an officer, agent... of the government to send through the mail...
It does not say ANYTHING about a private citizen!

*********************************************************
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
*********************************************************
```

1667. Re: UK Freqs - Central Scotland

Newsgroup: rec.radio.scanner
Date: 1995-02-03 15:13:20 UTC
From: li@laser.com
Message-ID: <3gth6g$ibd@pheidippides.axion.bt.co.uk>
Source record: 261726
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.equipment

In article <D3DqLw.Cw3@hpqmoea.sqf.hp.com>, dstock@hpqmdla.sqf.hp.com
(David Stockton) says:
>
>Class Entry (caix035@ccsun.strath.ac.uk) wrote:
>: I am looking for some specific freqs for central Scotland,
military,police
>: ambulance etc, if you know any then either post or mail me.
>: Bob Smith
>
>
> In Britain, it is illegal to listen to these things. The penalties
>are rather large and/or long. Of course, such a crime is virtually
>undetectable unless the perpetrator is either seen doing it, or in some
>other way reveals that he has done it, perhaps by posting it on a public
>forum ?

Notwithstanding the advice above, you may find frequency plans in Ham
Radio Today magazine (Scanner section) from time to time. There are also
LOTS of scanner books which give out detailed listings.

Regards,

Kwong Li, G0TOY
li@laser.com

1668. DePaul University Chicago Freq

Newsgroup: rec.radio.scanner
Date: 1995-02-03 15:21:38 UTC
From: vuckovic@interaccess
Message-ID: <3gthm2$f2v@nntp.interaccess.com>
Source record: 261727

Anyone have freqs for DePaul University (Lincoln Park Campus & Loop Campus)?

They would be appreciated. I'm pretty sure that they are on 450-460.

BTW, anyone konw anything about Motorola Call Boxes?

Email Replies preferred.

--
vuckovic@interaccess.com

1669. FS: PRO-2022 WITH CELLULAR

Newsgroup: rec.radio.scanner
Date: 1995-02-03 15:50:53 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-0302951051580001@157.176.66.37>
Source record: 261728

I have for sale a Radio Shack PRO-2022, which is a 200-channel base/mobile scanner. The cellular band has been unlocked. This unit sold for $299.99 at Radio Shack just a few months ago---with cellular locked.

I will ship it to your door for $150--HALF PRICE. I will ship it in its original box with antenna, owners manual, and 9V memory back-up battery. The unit is in excellent shape and working condition. I have upgraded to a more expensive model and no longer need this unit.

You can reach me via E-Mail or by calling me directly at 508-880-4292.

Thanks and 73s,

Ed--AA1IN

1670. Pro-46 Successful Mod.

Newsgroup: rec.radio.scanner
Date: 1995-02-03 16:42:42 UTC
From: richard.baxter@informal.com
Message-ID: <950204044453301@informal.com>
Source record: 261729

Thanks to several postings, I successfully modified my Pro-46 receiver using the keyboard modification. The cellular band was found on #23 for my purposes (the 888.??? mhz) and it was fairly simple to do. However, a word to the wise, once the keys were pressed,(2,9, L/O) it immediately cancelled out all of the memory that was on there. So be aware to record your current frequencies before you do any modification work.

Question? What's the frequency Kenneth.....(R.E.M.)

-= Richard =-

1671. Re: For Anyone Interested in an AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-03 17:05:54 UTC
From: rwirthli@nyx10.cs.du.edu
Message-ID: <3gtnpi$iqj@nyx10.cs.du.edu>
Source record: 261730

"Victor Healey (ki4je)" <vhealey@crl.com> writes:

>Off hand that sounds like an absurd price.
>email javaiation and ask them for a second quote.
>Regarding exchange rates. I planed to post a link
>to a server that would return todays exchange rates
>in my ar8000 page on the 'and more' side. I can't remember
>right now if it is already there or something I have on disk
>to do but it should be there in a day or so.

>Basically the ar800 should be around $600 USA.

The exchange rate is $1.40 CDN= $1.00 US
$880 cdn = $630 US

rALPH

1672. Re: Bearcat 101 directions needed

Newsgroup: rec.radio.scanner
Date: 1995-02-03 18:51:59 UTC
From: cab@col.hp.com
Message-ID: <3gtu0f$ll1@nonews.col.hp.com>
Source record: 261555
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Intersetingly, I just sent a non-program description of the same thing to someone (probably the same person) yesterday, and I still have the info on hand. The BASIC program Bob cites is *wrong* in at least one area:

```
: 320 IF F=>30 AND F=<50 THEN PRINT " 16"
: 330 IF F=>146 AND F=<174 THEN PRINT " 15"
: 340 IF F=>416 AND F=<512 THEN PRINT " 14"
```

This section is for setting the switches to tell the 101 what bank your freq is in, and the manual says something different. For freqs in the 30-50 range, turn on switches 14 and 15; for 146-174 turn on 15 only; and for 416-512 turn on 14 only.

Switch 16 is for rescan delay, and is optional for any channel.

1673. Re: Selling Cellular Modified Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-03 19:01:25 UTC
From: steven@sgb.oau.org
Message-ID: <D3Fu6F.EoG@sgb.oau.org>
Source record: 261732

heglowstein (heglowstein@bix.com) wrote:
: Randy DeForest (dooman@ix.netcom.com) wrote:
: : Is it against the law to sell a scanner that has been modified to
: : receive cellullar transmissions?
: You're asking about US law probably. Nope, it's perfectly legal
: to sell, own, talk about, step on, spill coffee into, do whatever
: you like with a cellular-capable scanner. You just can't listen
: to cellular on it.

Umm, would you kindly tell me - please - who is going to stop me? I have
been listening to cellular from April 26, 1994 to as recent as this morning...
^^^^^^^^^^^^^^^^^^^ ^^^^^^^^^^^^

No one has stopped me... nor will they tonight either!

Long live the creeps who sell cellular under the guise of privacy, the
entertainment is enormous!

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@america.com
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1674. BearTracker possible trade?

Newsgroup: rec.radio.scanner
Date: 1995-02-03 19:16:51 UTC
From: amkoppek@mango.wustl.edu
Message-ID: <3gtvf3$kav@myriad.pc.cc.cmu.edu>
Source record: 261734

I have a beartracker Highway Patrol warning device and want to trade it for a Cellular ready scanner (i.e. 200xlt)
Adam (amkoppek@artsci.wustl.edu)

1675. Re: 800Mhz for US AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-03 19:25:29 UTC
From: steven@sgb.oau.org
Message-ID: <D3FvAJ.FEH@sgb.oau.org>
Source record: 261703
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Vertically Enhanced (tree@kla.com) wrote:
: Greetings all,

: I was in Scanner's Unlimited yesterday and was talking to the owner about
: cloning AR8000s. What I found interesting was that if someone with a UK
: or japanese AR8000 were to do an eeprom dump to the pc, it could be
: dumped into any other AR8000. The blocking of the cell freq is only in
: the eeprom and all it would take is to reprogram it. Has anyone tried
: this yet? It seems to me we could take care of this matter ourselves and
: have a nice generic AR8000 eeprom dump zip file floating around the net
: for all that are interested (read: cell freq mod for AR8000).

I have been reading on CompuServe this is true -

Anyone who buys a UK AR8000 and UK interface (from what I read) can upgrade
the US model to international standards and capability (read that as CELL MOD)
by cloning the US model from the UK model. This is why EDCO chose to not sell
the UK version of the interface with cloning.

But, the interface can be commercially imported and sold in quantity without
any problems from the feds - due to it (on its own) is NOT a scanner of four
or more frequencies. This means a smart enterprising company who is NOT in
the scanner business could set up doing the mods (re-cloning) without any
hassle from the government. Also since the interface is NOT an rf device,
it requires no FCC approvals nor can the FCC prevent its importation. It is
my understanding the upgrade from US to international standards can be done
without a computer, all you need is an international unit (UK) and the UK
version of the interface, the scanners do the rest.

Looks like they are very easily modifiable if what I have read is true.

I think its about time someone told EDCO - GET A LIFE! IMPORT THE UK
INTERFACE!! THERE IS NOTHING LEGALLY STOPPING YOU!

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@america.com
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1676. Re: Sportcat Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-03 21:06:14 UTC
From: boice933@129.101.119.223
Message-ID: <3gu5s6$g21@newshound.uidaho.edu>
Source record: 261735

In <D32EtA.77o@crdnns.crd.ge.com>, little@v10.syr.ge.com writes:
>
>I'm interested in the Bearcat Sportcat Scanner. Can anyone post/email me
>a list of the frequencies which this scanner receives? Also, are there any
>mods which would extend that set? Thanks in advance!
>
>Steve

I'm still curious myself about mods (since I only bought it a week ago), but
here are the frequencies, as extracted from the op guide:

29.0 - 29.7 450 - 470
29.7 - 50.0 470 - 512
50.0 - 54.0 806 - 956
108 - 137
137 - 144
144 - 148
148 - 174
406 - 420
420 - 450

Obviously, there are some pretty big holes in there that would be nice to fill.
My manual also specifically states that the SportCat won't tune cellular freqs
(type one in, and an 'error' message appears. I don't know how long they've
been making them to exclude cellular, but my date code is OCID (whatever
that means).

Hope this helps a little.

Mike

1677. Re: Calculator

Newsgroup: rec.radio.scanner
Date: 1995-02-03 21:31:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9502031400013368@ectech.com>
Source record: 261738

D:)My Pro-43 will lock onto audio signals from one of my CD players. The audio
D:)from the CD can be heard fairly clearly on several frequencies and distances
D:)of up to a meter away from the CD player. Even with the audio leads removed
D:)and a full metal case for the CD player, there still seems to be a fair
D:)amount leakage though the plastic front panel.

D:)Dave Martin - dkm@col.hp.com

That's cool. Class B CD player?
---
* QMPro 1.52 * Feel lucky???? Update your software!

1678. 138 MHz beam antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-03 21:58:34 UTC
From: jpd@isoroku.mit.edu
Message-ID: <3gu8ua$ind@senator-bedfellow.MIT.EDU>
Source record: 261740
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.antenna

Does anyone out there know of a good 138 MHz beam antenna? I need
circular polarization and 12-14 dB gain.

The objective is to find a way to build low cost receive-only ground
stations for the HETE (High Energy Transient Experiment) spacecraft,
which will be launched later this year. Selected data will be
sent down at at 137.96 MHz (the main downlink is S-band).

For those interested, HETE will transmit linear polarization, but
Faraday rotation will cause the plane to revolve rapidly. With a
circularly polarized receiving antenna (either left or right handed),
this rotation becomes a frequency shift, which is small compared
to the doppler shift and therefore not a problem. A linearly
polarized antenna, in contrast, will see severe fading, disrupting
the modulation.

It's probably best if you reply to me by e-mail, given that I'm
cross-posting this to four busy groups.

Thanks in advance.

John Doty
HETE Project Scientist

--
John Doty "You can't confuse me, that's my job."
jpd@space.mit.edu

1679. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-03 23:14:45 UTC
From: opp@worldweb.net
Message-ID: <opp-0302952014450001@line108.worldweb.net>
Source record: 261741

In article <D3Dt26.Buz@freenet.carleton.ca>, ad607@FreeNet.Carleton.CA
(Darrell A. Larose) wrote:

> In a previous posting, orkin (orkin@delphi.com) writes:
> > Does anyone know if the polce use cellar,landline or other telephone
service,
> > when they are ask to call by phone. example:
> >
> > " this is 345 can you please call me at the station car 16?"
> >
> >
> > I hear stuff like that all the time and was wondering if they run to a pay
> > phone or a cellur or other phone system.
>
> Depends... Here in Ottawa only supervisors have cell phones, so the others
> will grab a landline..
>
I've in advertently :] overheard local cops who carry their own cellulars
with them making personal phone calls while on duty. In one case, one was
having phone sex with his girlfriend/mistress. Interesant!
> --
>

--
And that's the way it was...

1680. help, 51mod ?

Newsgroup: rec.radio.scanner
Date: 1995-02-03 23:17:18 UTC
From: amike@maniac.med.miami.edu
Message-ID: <3gudhu$8cd@miasun.med.miami.edu>
Source record: 261742

Hi all:

I got a pro-51, fcc id aa020-308

id do the 2,9 + band or moni or l/o and
nothing.

Any ideas?

txs,

Mike

1681. Ah ha There Is An AR8000 Secret!

Newsgroup: rec.radio.scanner
Date: 1995-02-03 23:24:17 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3gudv1$kts@nntp.crl.com>
Source record: 261700
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just recieved a very very intersting piece of email from Germany.
There is an unusual function built into the AR8000 that requires
an option board.
The software for this is already in the system rom,
to make this board work.

what is this unique option?
Cell phone?
or something else -banned in the USA. (England ?)
See if you can guess by following up this message.
I will post the answwer Sun afternoon and put it on the AR8000
Home.page at that time.

I need to reread the message to see if I truely understand it
as it may be there is more then one type of add on option for the
AR8000 or this may be how a country handles a certain radio
service which would be different then ours.

But even if the later is true I can see an immediate use for this strange
option for a scanner radio.

I want one!

It is definitely illegal to pocess in the USA under current law :>(
darn!

This AR8000 is one hell of a radio!

Vic Healey
ki4je

PS The sender of that bit of information says that his unit
seems to have many birdies. Mine dosn't unless I
haven't looked in an area important to him.
Have you seen many undesirable birdies?
Comments?

Need more information for the world wide web's Ar8000 homepage,
What do you use the AR8000 for? Why?
need mirrors to spread the load out also.
73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

1682. Re: Why is the Icom CT-17 so Expensive?

Newsgroup: rec.radio.scanner
Date: 1995-02-03 23:31:32 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3gueck$l1e@nntp.crl.com>
Source record: 261701
Cross-posted to: rec.radio.scanner,alt.radio.scanner

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
>

> Why ask why?
> because the sky is blue
> Icom is crazy
> they only made 2 of them and don't want to run out
> the level converter factory burned down and the supply ran out
> inflation
> dollar to yen ratio
> Japanese plot to overthrow the free world
> a home made converter wouldn't say ICOM on it
> If you can afford an ICOM, you can afford the CT-17

The South Hygo Earthquake? We are payingt to rebuild Japan?

1683. Re: Pro-46 7A3 Code

Newsgroup: rec.radio.scanner
Date: 1995-02-03 23:45:45 UTC
From: XCVB98C@prodigy.com
Message-ID: <3guf79$1ihs@usenetp1.news.prodigy.com>
Source record: 261744

There is a way to get Cell, but it requires erasing all your channles in memory.
Basically it's the test mode:

TEST MODE 1. Fill channels 1-25 with test frequences.
- -
- - - - - - - -

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frquencies:

1 30.050
2 40.840
3 49.900
4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96**
24 911.500
25 954.0125

*These channels weren't originally accessible
**Here's your Cell channel! Just search up or down, there are tons of phones here!

Once again THIS CLEARS ALL THE CHANNELS YOU HAVE IN MEMORY, so you should write them down first.

L8TER!

Mr. Mojo
"Zed's dead baby, Zed's dead."

1684. Antenna Wire...

Newsgroup: rec.radio.scanner
Date: 1995-02-04 00:24:55 UTC
From: adamatt@aol.com
Message-ID: <3guhgn$o38@newsbf02.news.aol.com>
Source record: 261745

Which type of wire would give me the best reception for an antenna (used only for scanning)? Thanx!

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1685. Dutchess County New York

Newsgroup: rec.radio.scanner
Date: 1995-02-04 00:46:11 UTC
From: cynth5655@aol.com
Message-ID: <3guioj$obh@newsbf02.news.aol.com>
Source record: 261746

A somewhat localized question, but does anyone know what has happened to the town of Poughkeepsie Police? They seem to have disappeared from their 460-ish frequencies.

Cynthia

1686. Re: Pro-2035 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-04 01:46:09 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3GCwy.GG3@nntpa.cb.att.com>
Source record: 261447
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <8A2B00D.02D6000563.uuout@cccbbs.cincinnati.oh.us>,
RON COX <ron.cox@cccbbs.cincinnati.oh.us> wrote:

> I'm looking for a scanner with wide band coverage. I belive the
>Pro-2035 is what I need. However, I have not seen any postings on this
>unit in any of the News Groups I've seen...

The Radio Shack PRO-2035 has been reviewed in several magazines.
There's a lengthy article in Jan. 1995 Monitoring Times comparing
the PRO-2035 to the older PRO-2006. US Scanner News also carried
a long review.

Before buying a PRO-2035, consider the new 500 channel Uniden/Bearcat
BC9000XLT. Weak signals on the PRO-2035 I tested were
swamped by stronger stations transmitting up to 100 KHz away --
a problem not shared by the PRO-2006 or BC9000XLT.
This is the single biggest problem I saw in the PRO-2035.

The PRO-2035 Auto Store feature mindlessly stores the same
active frequencies over and over again. The BC9000XLT Auto
Store is much faster and smart enough so that it doesn't
store duplicate frequencies.

The BC9000XLT has smaller (i.e., easier to manage) memory banks,
and can be fitted with an optional CTCSS decoder. Alphanumeric
tags can be programmed for the first 250 channels. There are
10 priority channels vs. a single priority channel in the PRO-2035.

The PRO-2035 has 10 search banks compared with the single search
bank in the BC9000XLT.

Large, color coded keys and a big tuning knob help make the
BC9000XLT easier to use than the PRO-2035. Look for a full
BC9000XLT evaluation in a future issue of Monitoring Times.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1687. Pro-46 Modify?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 01:47:47 UTC
From: mbsokol@winternet.com
Message-ID: <mbsokol-0302951947470001@host-34.dialup.winternet.com>
Source record: 261748

I would like to know if it is possible to modify my Pro-46 to receive cellular. My Pro-46 has a code of 7A3. If so, how do you do it?

--
This area under construction.

1688. Re: help, 51mod ?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 02:18:40 UTC
From: knob@netcom.com
Message-ID: <knobD3GEF4.Gyp@netcom.com>
Source record: 261749

In article <3gudhu$8cd@miasun.med.miami.edu>,
Mike Alicea <amike@maniac.med.miami.edu> wrote:
knob-:Hi all:
knob-:
knob-:I got a pro-51, fcc id aa020-308
knob-:
knob-:id do the 2,9 + band or moni or l/o and
knob-:nothing.
knob-:
knob-:Any ideas?

Date code, man, it's all in the date code. If you have an 8A4 or
later, forget it. If you have a 7A4 or earlier, you're in the
ballpark...try 2+9+Band, then 2+9+l/o (hold down for a few secs), then
check channel 23.

-Jeff <knob@netcom.com>

--
==
DON'T TREAD ON ME!
==========================email to knob@netcom.com============================

1689. Frequency & E-Mail Lists Here

Newsgroup: rec.radio.scanner
Date: 1995-02-04 02:48:20 UTC
From: hbgeg066@huey.csun.edu
Message-ID: <3guptk$n99@dewey.csun.edu>
Source record: 261750
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Below are several lists I've compiled from various sources. Enjoy.
Berton Corson

Last Updated: November 1, 1994

Since there has been quite a few posts wanting this data, here is a
list of fast food frequencies that is listed in the November issue of
Monitoring Times. But be aware, the FCC isn't exactly issuing frequencies
to every fast food chain for their own use, and that any fast food
restaurant can buy whatever low powered FM transmitters / receivers
they need for their store at an electronics shop. Anyway, just stick
the below in one of your scanner's channel banks, and see what comes
up. All this talk about food is getting me hungry.

Gourmet Restaurant Frequencies
------------------------------ ----------------------------------

Arby's 30.84 31.00 154.57
457.55 479.25

McDonald's 35.12 67.775 70.245
71.105 154.49 154.58
461.0375 463.2875 466.0375
468.2875 469.5125

Hardee's 30.84 31.00 35.02
151.685 151.805 464.0125
469.0125

Kentucky Fried Chicken 31.00 170.305 457.5375
457.5875

Taco Bell 30.84 154.57 465.8875

Wendy's 33.16 33.40 154.515

Burger King 30.84 457.55 465.8875
467.775

Last Updated: December 1, 1994

In a frequency guide I have, I have listed below the
frequencies that are listed. I really haven't tried most of
these, so maybe you should try programming them all, and see
what you get. I do know, that they all aren't police frequencies,
but some may be for other uses, like for Engineering Service
dispatching a plumber to fix a leak.

Anyway, here's what I got. Sorry, I can't tell from this list,
what each frequency does, and where it broadcasts from. I do
suspect, though, that the VA Hospitals in the area, the police do
use some common frequencies:

Location Frequencies
Bell? 406.325, 409.325
(I know of no VA facilities in Bell, but it's listed as such)

Brentwood 406.325, 409.325, 168.525, 168.575
(168.525 & 168.575 may be some good bets for police frequencies)

Long Beach 155.34, 168.325, 168.525, 168.575
Long Beach 170.400, 171.387, 406.325, 409.325

Los Angeles 164.175, 164.500, 164.700, 168.525
Los Angeles 168.575, 169.300, 171.387, 406.325

Los Angeles 413.825, 417.600, 419.150,

Last Updated: November 15, 1994

THE RADIO SPECTRUM

This is an approximate look, to help in searching frequencies on a
scanner or shortwave radio. Just be aware, having the right frequency
may not be enough, in tuning to a certain frequency. The time of
day, atmospheric conditions, location, mode you're in (AM, SSB,
Narrowband FM, Wideband FM, etc.), and your equipment, are also equally
important. You'll find most transmissions are broadcasted in Narrow-
band FM. Some main exceptions are shortwave (AM & SSB), commercial AM
radio (AM), commercial FM radio (Wideband FM), television (Wideband FM),
citizens band radio (AM & SSB), aeronautical communications (mostly AM),
and some military VHF/UHF (Wideband FM). Most all scanners will pick a
default mode for you, depending on what frequency band you are in. But
many scanners also let you manually switch between modes (AM, FM, etc.)
and frequency search spacing (5 khz, 12.5 khz, etc.) if the default modes
are not correct. Happy Listening!!!

FREQUENCY USES/SERVICES
(in Megahertz unless
otherwise indicated)
--- ---

10 - 150 khz Military/government, submarine
(.01 - .15 MHz) communications.

150 - 535 khz Longwave Band, beacons, foreign broadcasts,
(.15 - .535 MHz) maritime.

535 - 1700 khz Your standard AM radio dial.
(.535 - 1.7 MHz)

1.7 - 30 Shortwave/High Frequency Band. Broadcasting,
two-way government, military and commercial
communications, amateur radio, CB radio (approx.
27 MHz), others.
Shortwave - Approx. Range Meter Band
1.8 - 2.0 160*
2.3 - 2.495 120
3.2 - 3.4 90
3.5 - 4.0 80*
3.9 - 4.0 75
4.75 - 5.06 60
5.9 - 6.2 49
7.0 - 7.3 40*
7.1 - 7.35 41
9.4 - 9.9 31
10.1 - 10.15 30*
11.6 - 12.1 25
13.57 - 13.87 22
14.0 - 14.35 20*
15.1 - 15.8 19
18.068 - 18.168 17*
17.48 - 17.9 16
18.9 - 19.02 15
21.0 - 21.45 15*
21.45 - 21.75 13
24.89 - 24.99 12*
25.6 - 26.1 11
28.0 - 29.7 10*
(In general, the lower shortwave frequencies
<higher meter band> are received better during
the night, while higher frequencies are re-
ceived better during the day. There are also
some amateur radio bands between many of these
shortwave bands(*). Consult a shortwave guide
for more detailed information.)

30 - 50 Very High Frequency Band. Government, business,
walkie-talkies. Also, cordless phones and
'baby monitors' found about 46 - 49 MHz.

50 - 54 Amateur radio 6 meter band.

54 - 72 TV Channels 2-4.
Channel 2 Audio (Wideband FM) 59.75
Channel 3 Audio (Wideband FM) 65.75
Channel 4 Audio (Wideband FM) 71.75

72 - 76 Manufacturing, remote control, eavesdropping
bugs, etc.

76 - 88 TV Channels 5-6.
Channel 5 Audio (Wideband FM) 81.75
Channel 6 Audio (Wideband FM) 87.75

88 - 108 Your standard FM radio dial.

108 - 136 Aeronautical communications (AM).

136 - 138 Satellites.

138 - 144 Military communications.

144 - 148 Amateur radio 2 meter band.

148 - 150.8 Military use.

150.8 - 174 Business, highway, law enforcement, government, weather, maritime.

174 - 216 TV Channels 7-13.
Channel 7 Audio (Wideband FM) 179.75
Channel 8 Audio (Wideband FM) 185.75
Channel 9 Audio (Wideband FM) 191.75
Channel 10 Audio (Wideband FM) 197.75
Channel 11 Audio (Wideband FM) 203.75
Channel 12 Audio (Wideband FM) 209.75
Channel 13 Audio (Wideband FM) 215.75

216 - 220 Maritime and aeronautical.

220 - 222 Land mobile communications.

222 - 225 Amateur radio.

225 - 400 Military aviation and space.

400 - 406 Military and government.

406 - 420 U.S. Government.

420 - 450 Amateur radio.

450 - 470 Ultra High Frequency Band. Business, industry, military, fire, government.

470 - 512 TV Channels 14-20, shared with law enforcement.

512 - 824 TV Channels 21-69.

824 - 849 Cellular telephones (receivers/handsets).

849 - 851 Aeronautical telephones (ground-based towers).

851 - 866 Business, public safety, trunked systems.

866 - 869 Public safety, law enforcement, trunked systems.

869 - 894 Cellular telephones (towers).
Note: Even though listening to cellular telephone calls is technically illegal in the United States, one will usually do better listening to calls on the tower frequencies,

as opposed to the handset frequencies. This is because most cellular phones transmit less than one-watt of output. So unless the cellular phone is very close to you, you will have much more luck scanning the more powerful towers, which transmit/receive for each cell site.

894 - 896 Aeronautical telephones (handsets). Note: In scanning airplane telephones, you will usually do better listening to the handset frequencies, instead of the tower frequencies, unless you are very near a ground transmitter. But, in any event, call traffic heard on handset frequencies (which are transmitted from a high-powered transmitter on the aircraft) you may hear nothing at all, or many conversations, de-pending on your location and time of day.

896 - 901 Private land mobil units.

902 - 928 Land mobile, amateur radio, personal communi-cation units, cordless telephones.

928 - 932 Radio paging.

935 - 940 Business radio.

941 - 944 Government and non-government fixed services.

944 - 952 Broadcasters' studio-to-transmitter links.

952 - 960 Private fixed services, paging.

960 - 1240 Aeronautical navigation.

1240 - 1300 Amateur radio.

1300 - 1350 Aeronautical navigation.

1350 - 1400 Radio location.

1400 - 1427 Radio astronomy.

1427 - 1429 Point-to-point, mobile, space.

1429 - 1660.5 Various satellite transmission uses.

1660.5 - 1668.4 Radio astronomy.

1668.4 - 1700 Meteorological aids.

1700 - 1850 Meteorological satellites, U.S. Government.

1850 - 1990 Fixed point-to-point, microwave.

1990 - 2110 Broadcast studio-to-transmitter links.

(end)

Last Updated: 1/5/95

E-Mail Addresses For Shortwave Broadcasters
(No guarantee for accuracy, though)

World Radio Network (satellite feed of international broadcasts)
wrn@cityscape.co.uk

IPS Australia
rwc@ips.oz.au

Radio For Peace International (Costa Rica)
rfpicr@nicarao.apc.org
Newer address: rfpicr@sol.racsa.co.cr

Radio Havana
radiohc@tinored.cu

Radio Prague
cr@radio.anet.cz

Radio HCJB (Ecuador)
DX Partyline, The Latest Catch, and frequency matters,
e-mail to: rmcvicar@mhs.hcjb.com.ec for Rich McVivar.
jbeck@mhs.hcjb.com.ec for John Beck
English Department: english@mhs.hcjb.com.ec
ftp site: nw311.hcjb.com.ec

Italy
Nexus - International Broadcasting Association - (IRRS)
7,125 Khz
100020.1030@compuserve.com
100020.1013@compuserve.com Alfred Cotroneo

Radio Netherlands
letters@rnw.nl
letters@rn-hilversum.nl
Jonathan Marks: 3382983@mcimail.com

Radio New Zealand International
adrian@actrix.gen.nz
ajsainsbury@swell.actrix.gen.nz

Radio Sweden
wood@stab.sr.se George Wood
70247.3516@compuserve.com

BBC World Service
iac@bbc-ibar.demon.co.uk
World Wide Web: http://www.bbcnc.org.uk

Full Disclosure Live
fd@wwa.com Glen Roberts

Monitor Radio International (WCSN, WSHB, KHBI)
Letters/Reception Reports: letterbox@csms.com
Technical Questions: letterbox-tech@csms.com
WCSN Station Manager Bob Stessel: stes@wcsn.csms.com
KHBI Station Manager Doming Villar: doming@khbi.csms.com
WSHB Senior Station Manager Ed Evans: cee@wshb.csms.com
QSL Coordinator Judy Cook: judy@wshb.csms.com

Radio Free Europe/Radio Liberty
David Walcutt: walcuttd@rferl.org

Spectrum DX Program at WWCR Nashville
spectrum@overleaf.com
askspectrum@attmail.com
spectrumshow@genie.geis.com

Austria
Shortwave Panorama at Radio Austria International
kwp@rai.ping.at (Wolf Harranth OE1 WHC)
wolf_harranth@p44.f22.n310.z2.fidonet.org
wolf.Harranth@p44.f22.n310.z2.st.co.at

Belgium
BRTN (Belgian Radio & Television - Dutch Language Network)
Radio Vlaanderen Internationaal
rvi@p5.f878.n292.z2.fidonet.org

Radio Denmark
rdk.ek@login.dknet.dk Erik Koie

Radio Finland
rfinland@yle.mailnet.fi

Germany
Deutsche Welle
harald.schuetz@dw.gmd.de
solbach@dw.gmd.de
Also, on CompuServe: 100144.2133@compuserve.com
Radio Ropa (DX-Report) dx-report@ng-box.wwb.sub.de

Honduras
Radio Copan International HRJA
71163.1735@compuserve.com

Radio Miami International WRMI
71163.1735@compuserve.com

WWCR, Nashville, TN
nmks01a@prodigy.com
nmks01b@prodigy.com Adam Lock

From VOA's Gopher. Last Updated: November 1994

Contacting VOA and Worldnet by Electronic Mail

At this time, only a few public electronic mail addresses are available
for VOA and Worldnet. These are listed below.

We do not maintain a public directory service of electronic mail
addresses for members of our staff and we regret that we are not able
to respond to individual requests for electronic mail addresses.

Publicly Available Electronic Mail Addresses for VOA and Worldnet
==========

General Information
---

info@VOA.GOV Electronic mail information server.
Send a message with the contents
"send help" to this address for
instructions on how to use this
service.

letters@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from outside the United States

letters-usa@VOA.GOV General correspondence to the Voice
of America and Worldnet Television
from the United States

pubaff@VOA.GOV Public Affairs Office for the Voice
of America and Worldnet Television

qsl@VOA.GOV VOA reception (QSL) reports from
outside the United States

qsl-usa@VOA.GOV VOA reception (QSL) reports from
the United States

VOA-Info-Request@VOA.GOV Use this address to request inclusion
in an irregular mailing list of VOA
and Worldnet public announcements.

Specific VOA Programs
---

agri@VOA.GOV Agriculture Today

cw@VOA.GOV Communications World

VOA-Europe@VOA.GOV VOAEurope Service (English)

VOA-Morning@VOA.GOV Worldwide English Morning Program

Broadcasts to Cuba
---

ocb@USIA.GOV Radio and TV Marti

VOA Internet Audio

The following electronic mail addresses are intended for users who
have questions or comments regarding the audio files available on
the VOA and Worldnet public server.

arabic_program@VOA.GOV Arabic

cantonese_program@VOA.GOV Cantonese

chinese_program@VOA.GOV Standard Chinese (Mandarin)

czech_program@VOA.GOV Czech

english_worldwide@VOA.GOV English worldwide program thread

french_program@VOA.GOV French-to-Africa

hindi_program@VOA.GOV Hindi

hungarian_program@VOA.GOV Hungarian

korean_program@VOA.GOV Korean

polish_program@VOA.GOV Polish

russian_program@VOA.GOV Russian

slovak_program@VOA.GOV Slovak

spanish_program@VOA.GOV Spanish

swahili_program@VOA.GOV Swahili

ukrainian_program@VOA.GOV Ukrainian

1690. Re: Scanner Freq.'s in Kitsap County Washington???

Newsgroup: rec.radio.scanner
Date: 1995-02-04 03:03:49 UTC
From: Thomas Mitchell <thmitchell@delphi.com>
Message-ID: <RK0abiV.thmitchell@delphi.com>
Source record: 261751

Bremerton Area - WA State Patrol - 154.665

1691. Re: FOR ALL TO READ about Selling Modded Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-04 03:22:02 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3gursq$m50@roch0.eznet.net>
Source record: 261752

jwierzbicki@melpar.esys.com (John Wierzbicki) wrote:
> wire, oral, or electronic communications."
> |>
> |> Read it more carefully. You can send those scanners through the mail
> |> IF you are a cellular service provider or an agent of the government, which
> |> primarily means law enforcement officer in context of the rest of the law.
> |>
>
>
> Incorrect! The above section of the law says it is NOT ILLEGAL for a provider
> or an officer, agent... of the government to send through the mail...
> It does not say ANYTHING about a private citizen!

Don't worry. CTIA will see that the loophole is closed.

1692. Re: Define

Newsgroup: rec.radio.scanner
Date: 1995-02-04 03:27:52 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3gus7o$n37@roch0.eznet.net>
Source record: 261753

kevin.jessup@mail.mei.com (Kevin Jessup) wrote:
>
>
> So just HOW do all these unenforceable laws define "scanner" or
> "scanning receiver"?
>
> I can get into test mode on my Motorola cellular flip phone
> and receive other channels too. It doesn't actually scan,
> but it will let you enter a cellular channel number, which
> can then be monitored. Is my cellular phone ITSELF illegal?
>
> Is my $10,000 IFR spectrum analyser (which will demodulate anything
> and receives cellular just fine) illegal? ;-) Can I mail it? ;-))
>
> Don't ya just love Big Brother??

If you're gonna bitch about the law, you should at least know
what it says. The Federal definition of "scanner" is a receiver that
operates between 30 and 950 MHz and automatically samples at least
four memories or channels. Your cellular phone and spectrum analyzer
do not meet the test.

1693. Re: 2-meter HAM vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1995-02-04 03:42:53 UTC
From: jsmith@iastate.edu
Message-ID: <3gut3t$raf@news.iastate.edu>
Source record: 262070
Cross-posted to: misc.survivalism,rec.radio.amateur.misc,rec.radio.scanner,alt.2600

I'm fairly new here, but was wondering what impact use of these communication systems for data transmission would have on the desiarability of a particular technology.

I figure prepared people like us would want to use computers for a number of purposes and which data technologies would be most useful for the "Survivor-Net".

Jason

--
Jason Smith

1694. WANTED: Rhode Island Freq.

Newsgroup: rec.radio.scanner
Date: 1995-02-04 04:13:41 UTC
From: ap201002
Message-ID: <ap201002-0302952314550001@tonto-slip12.cis.brown.edu>
Source record: 261754

Could someone please post the frequencies for the Rhode Island State Police. Also if you know the police freq. for the town of Barrington. It would be much appreciated if someone could post these.

Thank You very much I appreciate your help

Steve Thompson

1695. RS Pro 62

Newsgroup: rec.radio.scanner
Date: 1995-02-04 04:47:03 UTC
From: bol@teleport.com
Message-ID: <bol.2.0004C8F3@teleport.com>
Source record: 261764

[No readable article body recovered]

1696. RS Pro 62

Newsgroup: rec.radio.scanner
Date: 1995-02-04 04:51:52 UTC
From: bol@teleport.com
Message-ID: <bol.3.0004DD74@teleport.com>
Source record: 261767

Has any one out there gotten a close first look at the new RS Pro 62. I was thinking about a second scanner and the Pro 62 is on sale for $219. I know the unit cannot be modified to get cellular, but it looks like it might be good 800Mhz police. Thanks in advance.

Bob Lee

1697. A useful BC-200 Manual Suggestion (was: Phone number for Uniden)

Newsgroup: rec.radio.scanner
Date: 1995-02-04 04:58:09 UTC
From: newton@druggist.gg.caltech.edu
Message-ID: <newton-0302952058090001@fig-ppp.caltech.edu>
Source record: 261755

Douglas Baker (dbak@elm.lle.rochester.edu) wrote:
> I am trieng to get ahold of a service manual for my BC200xlt.

Here's another idea: Go to radio shack (or call their 800 number)
and order their PRO-35 service manual. Seriously.

(Actually, order both, but ...):

Rationale: While the PRO-35 is *not* exactly the same as a BC-100 (as
some have stated), it is *very* close. But, if you own a later model
BC-[12]00, the PRO-35 manual will actually be closer(!) to what your
scanner really is like inside, especially for things like parts
(the Uniden manual does not even have at least 4 parts on my version
of the main board). The manual has far fewer errors than the Uniden
manual, is not an awful 367th generation photocopy (you can actually
follow the traces on the nicely done circuit board sketches, and
the alignment procedures may possibly even be better ordered and
described (But this is one area where the lack of 800 MHz would be
significant, and I cannot decide which would be best).

If you order from RS you'll probably get the manual in about half the
time that it takes to get the BC-[12]00 manual from Uniden (at least
that was my experience); it will (after you add in Uniden's shipping)
also be about (?) half as much. (The pro-35 manual, ordered two weeks
ago was $9.16 including shipping to the local RS) & came in 6 days.

I'll post a comprehensive list of errors/mods in the manuals when I
have more time, but whatever you do, don't believe any of the labels
on the "block diagram" in the Uniden manual. It qualifies as the
highest density of errors per unit space that i've ever seen in a
technical illustration.

- mike

("new" "permanent" e-mail: newton@druggist.gg.caltech.edu)

1698. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-04 05:50:56 UTC
From: Reza@cerf.net
Message-ID: <Reza-0302952150560001@198.199.237.100>
Source record: 261756

In article <3gp780$aio@hustle.rahul.net>, David Josephson
<davidj@rahul.net> wrote:

>
> I posted a reply earlier - in short, the subcarriers and their modulation

I cannot find your earlier reply. I would appreciate it if you could post
it again or mail it to me. Thanks for your informative reply.

reza@cerf.net

1699. PRO 2006

Newsgroup: rec.radio.scanner
Date: 1995-02-04 06:34:15 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD3Gq93.Goq@netcom.com>
Source record: 261757

hardly used asking 300 dollars . Unit about 11 months old.

1700. Television cabel output for Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 06:34:49 UTC
From: chicken@imap1.asu.edu
Message-ID: <3gv769$7mn@news.asu.edu>
Source record: 261758

Hey I was wondering what type of reception I would obtain by installing my cable wire into my scanner. I mean, he helps bring out FM radio stations on my receiver, but can it help on the scanner?

Thanks.

--

_____
aardvark@asu.edu
_____

1701. Re: NYC EMS FREQs

Newsgroup: rec.radio.scanner
Date: 1995-02-04 09:48:37 UTC
From: mrw13@sawasdee.cc.columbia.edu
Message-ID: <3gvihl$oqv@apakabar.cc.columbia.edu>
Source record: 261759

Here a couple corrections to the list that was just posted:

>478.2625 Brooklyn Central SHOULD BE: 477.2625
>477.8625 Brooklyn North SHOULD BE: 478.2625
>855.9875 Manhattan North SHOULD BE: 855.4875

Aditionally, all of these frequencies use a PL-Tone of 85.4

-Marc Wollemborg
<mrw13@columbia.edu>

1702. Re: Define

Newsgroup: rec.radio.scanner
Date: 1995-02-04 11:56:21 UTC
From: davidm@iglou.com
Message-ID: <bjsCIK7gXz9F078yn@iglou.com>
Source record: 261763

In article <3gus7o$n37@roch0.eznet.net>, D Stark <dstark@eznet.net> wrote:

> kevin.jessup@mail.mei.com (Kevin Jessup) wrote:
> >
> >
> > So just HOW do all these unenforceable laws define "scanner" or
> > "scanning receiver"?
> >
> > I can get into test mode on my Motorola cellular flip phone
> > and receive other channels too. It doesn't actually scan,
> > but it will let you enter a cellular channel number, which
> > can then be monitored. Is my cellular phone ITSELF illegal?
> >
> > Is my $10,000 IFR spectrum analyser (which will demodulate anything
> > and receives cellular just fine) illegal? ;-) Can I mail it? ;-))
> >
> > Don't ya just love Big Brother??
>
> If you're gonna bitch about the law, you should at least know
> what it says. The Federal definition of "scanner" is a receiver that
> operates between 30 and 950 MHz and automatically samples at least
> four memories or channels. Your cellular phone and spectrum analyzer
> do not meet the test.

Actually it depends on which law you're talking about. If you are using your service monitor or cellular phone to monitor calls that you are not a party to, or you do not work in the cellular industry and monitoring is part of your job, then your monitoring is indeed illegal under the ECPA of 1986. The ECPA regulates THE ACT OF LISTENING, **NOT** the equipment you do it with. In fact, the ECPA **NEVER** even uses the word "scanner". The word "cellular" is only used twice.

David
davidm@iglou.com

1703. Re: Bearcat Computer Controlled Scanning?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 12:52:48 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3H7s1.IKt@nntpa.cb.att.com>
Source record: 261768
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <bharper-0302951405490001@harper.cc.vt.edu>,
Bruce Harper <bharper@vt.edu> wrote:

>In article <3gs6j9$c8e@newsbf02.news.aol.com>, mcias@aol.com (McIAS) wrote:
>
>> Hi, Is there any one out there that could explain to me why bearcat has
>> come up with a computer controlled Scanner yet?
>
>There was one at one time, at least 10 or 12 years ago. It connected to
>a Commodore 64 and used the computer to keep track of the frequencies.
>Beyond this, I don't remember much, such as model name or designation, but
>maybe this will jog someone's memory.

That was an Electra/Bearcat CompuScan 2100, introduced in 1983.
There was no frequency display, just volume and squelch, so it *had*
to operate with a computer. It used a proprietary protocol
and a "canned" frequency management program. The initial units
worked with a slow Commodore 64 but Electra pledged future versions
for other computers -- a promised left unfulfilled by a Uniden
takeover.

The CompuScan 2100 had 200 channels in 10 banks, 3 priority channels,
and 4 auxiliary switches per channel. Like the BC-250, it had
Search & Store, as well a a Count function. You could keep a text
description of each channel. The radio "guts" were essentially the
same as a BC-300.

Collectors may be interested in reading the review in January 1984
Computers & Electronics magazine.

The CompuScan 2100 was one of the last scanner models offered for
sale before Electra sold out the Bearcat scanner line to Uniden.
If Bearcat scanners had remained part of Electra, an innovative
company based in Cumberland, Indiana, perhaps we would have seen
more computer controlled Bearcat models.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1704. Re: QUEENSLAND POLICE CALLSIGNS

Newsgroup: rec.radio.scanner
Date: 1995-02-04 12:54:59 UTC
From: alomes@camtech.com.au
Message-ID: <alomes.112.000CEB02@camtech.com.au>
Source record: 261448
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3gpc4q$h5d$1@adelaide.DIALix.oz.au> matthew@adelaide.DIALix.oz.au (Matthew Volkmer) writes:
>From: matthew@adelaide.DIALix.oz.au (Matthew Volkmer)
>Subject: QUEENSLAND POLICE CALLSIGNS
>Date: 2 Feb 1995 11:52:34 +1030

>Can anyone help me with any QUEENSLAND POLICE CALLSIGNS (Australia)?

>Thankyou
>matthew@adelaide.DIALix.oz.au

You can always try reading CB Radio Action .. I know they had some stuff on call signs last year (I think).

Spiddy

1705. Re: Modem-like tones on SLC weather radio?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 13:01:23 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3gvtr3$afq@nntp.crl.com>
Source record: 261464
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Has anyone tried using a scanner and a modem to decode this
particular data?

I found this information in news:bit.listserv.wx.talk
in particular news:199502022317.RAA01439@twister.lib.siu.edu

..-.-

Ki4je

> Mark Bixby <markb@cccd.edu> wrote...
>
> >While I was in Salt Lake City, Utah last week, I noticed that the station
> >identification for VHF weather radio station KEC78 (?) is always preceeded
> >by some modem-like screeching. Does anybody know if data is being transmitted
> >there, and if so, what? A digital station ID, or realtime observations?
>
> Mark:
>
> What you are hearing is digital data for the deaf. According to Dave
> Toronto, WCM at NWS Salt Lake City (SLC), what you are hearing is a three
> second burst of high-speed, compressed, data. The data, sent every cycle
> (after every so many voice products), allows the deaf to receive copies of
> the local forecast, state forecast, hourly conditions, weather watches, and
> warnings
> over special receiver/printers. Dave said SLC has been broadcasting the
> data as part of a test for about a year. So far user response has been very
> favorable.
>
> I would like to see NWS expand the system so that storm spotters and emergency
> managers could use it to receive copies of watches, warnings, and spotter
> activation messages --in addition to regular forecasts and current conditions.
>
> ...Chris..
> *==*
> Chris Hayes Novy - WA9V Internet: Chris@twister.lib.siu.edu
> Southern Illinois Univ. : Chris@siu.edu
> Morris Library BITNET: Chris@siucvmb.bitnet
> Systems Administration Phone: (618)453-1683(w) (618)457-6149(h)
> Carbondale, IL 62901-6632 FAX: (618) 453-3440
> *==*

1706. antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-04 13:33:59 UTC
From: ryr28fan@aol.com
Message-ID: <3gvvo7$22b@newsbf02.news.aol.com>
Source record: 261769

Im new to this group so if someone already asked for this info sorry. Im in the military and live in a dorm on base. I want to use an antenna other than the rubber duck that i got with my 200xlt but i cant do anything permanent ar put anything outside my dorm room (ie window ledge, roof, etc) any suggestions would be welcome

Larry

1707. Re: 855XLT Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-04 16:20:41 UTC
From: rumcd@pln.com
Message-ID: <19950204.7BF0E50.EDD3@pln.com>
Source record: 261838

Ok, I think I've found the articles...

Monitoring Times, November 1992 = 100 Channel mod.
(I have this issue)

Do you want me to e-mail you with the text of the mods, or make photocopies
and snail mail them. There are small diagrams in the articles.

Oh, I found it...

Monitoring Times, Februrary 1991 = Cell mod.
(I Can't find the issue, but MT will make copies of articles for $2)
Anyway, e-mail me if ya' want 'em!

-73
-Chris/KD6FIB

□
"Existence ɣ Chris "Mr. Rhumba" Rumbaugh ɣ
is
Entertainment..." e-mail: rumcd@pln.com
packet: kd6fib@n7ifj.#salem.or.usa.noam
-Breakfast With Amy
□

1708. FS: Pro-43

Newsgroup: rec.radio.scanner
Date: 1995-02-04 16:36:01 UTC
From: cbugosh@freenet.columbus.oh.us
Message-ID: <3h0adh$o2c@acme.freenet.columbus.oh.us>
Source record: 261770

I have an RS Pro-43 with rechargeable batteries and power supply with original box and manual for sale. If interested, please respond via email as I'm logged in many times a day, but will also check this group once a day or so. Thanks.

Chris
bugosh@jake.dorms.udayton.edu

1709. Re: FOR ALL TO READ about Selling Modded Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-04 17:00:42 UTC
From: fd@wwa.com
Message-ID: <3h0brq$k9j@sashimi.wwa.com>
Source record: 261771

John Wierzbicki (jwierzbicki@melpar.esys.com) wrote:
: In article <3grl9h$2ab@roch0.eznet.net>, D Stark <dstark@eznet.net> writes:
: |> usa@max.tiac.net (Amiga 2000HD) wrote:
: |> >
: |> >
: |> > I got this out of the back of POP' Comm'.. Some of you may already know
: |> > this...
: |> >
: |> >
: |> > ====================================
: |> >
: |> > Under U.S. Code Provision SEC 2512 (2) restricted sales to the following:
: |> > "(2) It shall not be unlawful under this section for- (a) a provider, in
: |> > the normal course of business of providing that wire or electronic
: |> > communication service, or (b) an officer, agent, or employee of, or a
: |> > person under contract with, the United States, a State, or a political
: |> > subdivision thereof, in the normal course of the activities of the United
: |> > States, a State, or a political subdivision thereof, to send through the
: |> > mail, send or carry in interstate or foreign commerce, or manufacture,
: |> > assemble, possess, or sell any electronic, mechanical, or other device
: |> > knowing or having reason to know that the design of such renders it
: |> > primarily useful for the purpose of the surreptitious interception of
: |> > wire, oral, or electronic communications."
: |> >
: |> >
: |> > Basically YES you can send modified scanners through the mail.. This
: |> > even covers a Cellular ESN grabber....WOW..what you learn by reading the
: |> > fine print :)...
: |>
: |> Read it more carefully. You can send those scanners through the mail
: |> IF you are a cellular service provider or an agent of the government, which
: |> primarily means law enforcement officer in context of the rest of the law.
: |>

Read the definitions... esp electronic communications service provider...

A seller of a radio (cellular capable or not)... isn't a provider of
electronic commucation service, is he/she?
--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email postal address to fd@wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?

1710. Re: Ah ha There Is An AR8000 Secret!

Newsgroup: rec.radio.scanner
Date: 1995-02-04 17:41:40 UTC
From: schuster@panix.com
Message-ID: <3h0e8k$pio@panix3.panix.com>
Source record: 261772

In article <3gudv1$kts@nntp.crl.com>,
Victor Healey (ki4je) <vhealey@crl.com> wrote:
>I just recieved a very very intersting piece of email from Germany.
>There is an unusual function built into the AR8000 that requires
>an option board.
>The software for this is already in the system rom,
>to make this board work.
>
>what is this unique option?

The descrambler board for Japanese cordless phones, of course.

Just like the one already available for the Yupiteru.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1711. Re: 1000 Channel RS Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-04 18:01:49 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3h0fed$cn4$1@mhade.production.compuserve.com>
Source record: 261773

You can buy an uncensored one from Javiation. Call Jonathan at
011-44-274-732146. He stocks them and they only take 2 days to get here.
You won't have 30kHz steps, but can choose between the usual 5, 12.5
and 50kHz ones. For a power supply, a regular $11 RS 12v 500mA one will
do just fine hooked up to the Pro2035's DC jack.

1712. Re: FS: GRE Superconverter (800-900 Mhz Downconverter)

Newsgroup: rec.radio.scanner
Date: 1995-02-04 18:07:05 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3h0fo9$cn4$2@mhade.production.compuserve.com>
Source record: 261774

$75? A brand new one from Grove is $79.

1713. range for pager frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 18:24:38 UTC
From: gh598@cleveland.Freenet.Edu
Message-ID: <3h0gp7$78k@usenet.INS.CWRU.Edu>
Source record: 261842

could someone give me the range for pager freqs. thanks
--
Mike in Indy

1714. AR8000 PLL Error..

Newsgroup: rec.radio.scanner
Date: 1995-02-04 18:32:23 UTC
From: hemstree@vcd.hp.com
Message-ID: <hemstree-0402951032230001@b1shvb01.vcd.hp.com>
Source record: 261825

This happens to me a few times a scanning session. I will be in search mode and suddenly I will get "PLL-ERROR". This is pretty much a stock AR8000. Is there a parameter I can tweak to reduce the frequency of the problem. It happens to me pretty much all over the bands, not one in particular.

Thank you for any help,
Charles

1715. Re: Spectum display ideas?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 18:49:42 UTC
From: robertso@bev.net
Message-ID: <robertso.1.0012D4A6@bev.net>
Source record: 261845

In article <brett_miller.95.00114EB2@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
>Subject: Spectum display ideas?
>Date: Tue, 24 Jan 1995 17:18:19

>I am looking for suggestions on a good, cheap way to get a spectum display
>hooked to a R7000, AR3000A, or Pro-2005. I know Grove sells one, but at $500
>for the unit, you don't get a real sweep display, just dots. I have seen some
>for about $1100 that look ok, but I'd like to keep this under $600 if
>possible. I do not have an O-scope, but I know there are kits to turn one
>into a spectum display. Anybody have experience with these type? Can used
>spectrum analyzers be purchased for less than $600?

>Anybody have that Standard radio (AX700 as it used to be called) that has a
>band scope in it? Any good?

>Any suggestions welcome.

Does the optoscan 456 (computer control for Pro-2004 , 5 , 6) include
pseudo SDU on the computer monitor?

>Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
>Intel Corp.
>American Fork, UT DoD#1461

1716. Re: AR8000 PLL Error..

Newsgroup: rec.radio.scanner
Date: 1995-02-04 18:57:07 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3h0im3$jou@nntp.crl.com>
Source record: 261826

hemstree@vcd.hp.com (Charles H. Hemstreet IV) wrote:
>
>
> This happens to me a few times a scanning session. I will be in search
> mode and suddenly I will get "PLL-ERROR". This is pretty much a stock
> AR8000. Is there a parameter I can tweak to reduce the frequency of the
> problem. It happens to me pretty much all over the bands, not one in
> particular.
>
> Thank you for any help,
> Charles

First make sure your batteries are up to snuff.

Still a problem? Check the back of you manual and you will see
there are four items to tweak. One of these relates to stopping
PLL - Error's caused by trying to scan near the limits of the radio's
abilities.

You have to switch to these functions by semi arcane method of
holding certain keys while switicthing the power on.
They recommend three hands (fingers) but I notice that if you set the function
to sticky function key and then do the power sequence hitting function
immediately on power up you have time then to lesiurely press the other keys
to enter the required mode. Can be done by one hand.

Ki4je

1717. AOR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-04 19:00:09 UTC
From: cameltoe@ripco.com
Message-ID: <D3HosA.CvG@rci.ripco.com>
Source record: 261699
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am curious as to where I can purchase an AOR8000 for a reasonably good price. I would appreciate the name/tel number of any mail order cataloges where it can be found. Since I am fairly new to this, I am curious as to what other supplies/accessories I would need for this scanner.
Email would be appreciated.
Thank you.

--

```
__ _ ______
/ ) // /
/ __. ______ _ // --/ ____/>
(__/ (_/|_/ / / <_</_</_ (_/ (_) (__
```

1718. WTB-Bearcat BC2500XLT/B

Newsgroup: rec.radio.scanner
Date: 1995-02-04 19:19:02 UTC
From: Girton@ouvaxa.cats.ohiou.edu
Message-ID: <Girton-0402951526180001@girton.library.ohiou.edu>
Source record: 261827

I am looking for a used Uniden Bearcat BC2500XLT/B, or a new one with a good price. If you can hook me up, or have any comments on this product that I might not know about, please drop me some mail.

Regards
Sam

Girton@ouvaxa.cats.ohiou.edu

phone 614.593.3069

1719. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-04 19:49:35 UTC
From: patrick.cook@hotelnet.com
Message-ID: <9502041349.0JF9H00@hotelnet.com>
Source record: 261828

Hi, KO6EB:

The PROPER way to make a test transmission is to key the mike and say "This is KO6EB testing", and once you have the results you want, you then say "KO6EB clear"

There is NO EXCUSE for kerchunking a repeater for "fun". If you want to "kerchunk" things for "fun", go down to the CB band.

They'll LOVE you over there.

73's!

DE KB0OXD

1720. RE: test

Newsgroup: rec.radio.scanner
Date: 1995-02-04 19:49:36 UTC
From: patrick.cook@hotelnet.com
Message-ID: <9502041349.0JF9K00@hotelnet.com>
Source record: 261829

> If this letter gets out OK can someone just email me please!!!
>
> Im testing my new system....

Hi, Charles:

You made it all the way to Denver, CO, USA!

DE KB0OXD

1721. ROCKY MOUNTAIN MONITORING NET

Newsgroup: rec.radio.scanner
Date: 1995-02-04 19:54:37 UTC
From: patrick.cook@hotelnet.com
Message-ID: <9502041354.0JJI300@hotelnet.com>
Source record: 261830

Hello One and All:

I would just like to invite you to join us every Sunday Night at 8:00 p.m. on the 147.225, 224.98, 145.16, and 145.46 Mhz. repeaters for the ROCKY MOUNTAIN MONITORING NET when you are in the area.

Net control is provided by Ev, WB7VNF, from Colorado Springs, and Brian, KB0MEP, from Fort Collins.

The Rocky Mountain Monitoring Net is the official net of the Mountain NewsNet paging network.

We welcome all persons interested to check in. All that is required is that you be a licensed ham operator.

73's for now, my friends!

DE KB0OXD

1722. PRO 2006

Newsgroup: rec.radio.scanner
Date: 1995-02-04 21:40:10 UTC
From: john.perry@nashville.com
Message-ID: <000004FF00001770@nashville.com>
Source record: 261853

SL> hardly used asking 300 dollars . Unit about 11 months old.

I'll make an offer of $200.00

My address is john.perry@nashville.com

1723. Re: range for pager frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 21:46:02 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3h0siq$9r1@globalnews.globalvision.net>
Source record: 261832

gh598@cleveland.Freenet.Edu (Michael I. Perkins) wrote:
>
>
> could someone give me the range for pager freqs. thanks
> --
> Mike in Indy

Usually in the 460-465mHz range; my own is 462.825mHz, but
they do use other ranges, though not as widely. I would
expect that 900mHz pager will be used soon.

Scott

1724. Erasing channels

Newsgroup: rec.radio.scanner
Date: 1995-02-04 22:06:32 UTC
From: gregemm@aol.com
Message-ID: <3h0tp8$7l1@newsbf02.news.aol.com>
Source record: 261833

How can I erase stored frequencies from a Uniden Regency scanner.Model No. R4020.Thanks.

1725. AR8000 interface

Newsgroup: rec.radio.scanner
Date: 1995-02-04 22:09:43 UTC
From: NUGW64A@prodigy.com
Message-ID: <3h0tv7$3ma6@usenetp1.news.prodigy.com>
Source record: 261834

Is there any deference in the interfaces between the UK version and US version ?

-
JIM NUGW64A@prodigy.com

1726. ar8000 or BC200XLT vendor in Canada or Plattsburgh (NY) area?

Newsgroup: rec.radio.scanner
Date: 1995-02-04 22:40:40 UTC
From: jtheoret@ireq.hydro.qc.ca
Message-ID: <D3Hyzs.3qo@ireq.hydro.qc.ca>
Source record: 261534
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for information on scanners/scanner vendors in Montreal or Ottawa (Canada), or in the Plattsburg (NY) area. These are the two scanners I am considering:

* AOR ar8000
* Uniden BC200XLT

How much are these models? Where can I get them?

Thanks in advance,

jtheoret@ireq.hydro.qc.ca

1727. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-04 22:55:09 UTC
From: puzianow@plains.NoDak.edu
Message-ID: <D3Hznx.our@ns1.nodak.edu>
Source record: 261862
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

Glenn Little (glittle@sumter.awod.com) wrote:
: Curtis Wheeler (cgwh@chevron.com) wrote:
: : In article <gradyD2tEAI.1y1@netcom.com> grady@netcom.com (Grady Ward) writes:

: : >Fran (75471.304@CompuServe.COM) wrote:
: : >: An unidentified transmission of any kind is technically illegal.
: : >: It's illegal to "kerchunk"

: : >Short test transmissions need not be identified. Read the rules.
: : >73 KO6EB
: : >Grady Ward +1 707 826 7715 (voice / 24hr FAX) grady@netcom.com

: : I have - there is no exemption from identifying that I can find for "short
: : test transmissions". This type of transmission would be considered an
: : authorized one way transmission but still needs to be identified. If you
: : kerchunk in order to test your radio, that's fine - but you need to id IAW the
: : rules under which you are licensed.

: : The only exemption from normal IDing procedures is for telecommand of model
: : craft.

: : Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
: : KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

: It looks like KO6EB is a product of the VE testing system.
: If you can memorize the answers to some questions, you can get a license.
: At lease he knows what part of the CFR governs the service he uses.
: The VEs here do not even randomize the answers to the questions.

: In another few years the "virus" that has infested amateur radio (the KO6EBs)
: will render the hobby useless and the EIA will have it's way.
: Amateur radio will go the way of CB and the frequencies that we have left
: will be taken away and auctioned off to the highest bidder.
: As happened to 220 MHz and UPS.

: The Telephone Pioneers here have a 220 MHz system state wide.
: It went up shortly after Hugo hit.
: It does not take a rocket scientist to figure out why Ma Bell financed
: this system.
: Its much cheaper to finance a radio system in the ham bands than it is to
: buy the frequency and license it.
: In time of disaster the Pioneer 220 MHz system will most probably be used
: for commercial traffic.

: This is what the KO6EBs do for us.

: Glenn Little
: WB4UIV
: licensed 23 years

The population of new amateur radio operators has been declining since the 1970's. It must be an absolute priority of every ham that values his or her hobby to encourage and attract new younger people into the hobby. It seems that there are those that would rather hear static on their radios than allow novice no-code operators on the air. If hams continue with this elitest attitude then the hobby will die. In all endeavors there are the good operators and the bad apples. I have heard obscene things on 20 and 40 meters for years were the so called "good morse code hams are" and it makes me angry when they turn around and predict that no code will lead to CB-like conditions. The fact is that if there are no new hams to carry on the hobby then there WILL BE NO HOBBY PERIOD! And the commercial interests will get the entire spectrum. In my opinion morse code was not a "CB filter" it was a barrier to new hams. WAKE UP! Use the frequencies, OR LOSE THEM. It is that simple. Remember, it is just a hobby, have fun for goodness sake.

73

Allan A. Puzianowski
VE4APT, N0PKT

1728. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-04 23:01:14 UTC
From: dcomer@mack.rt66.com
Message-ID: <3h10vq$gfl@mack.rt66.com>
Source record: 261383
Cross-posted to: alt.config,alt.radio.scanner,uk.misc,rec.radio.scanner

Would there be a VAT appended to the group as well?

Joel K. Furr (jfurr@acpub.duke.edu) wrote:
: paul@termcon.demon.co.uk wrote:
: >I propose alt.radio.scanner.uk
: >
: >The main traffic in alt.radio.scanner concerns the U.S.A.
: >
: >It would be a good idea to have one dedicated to the U.K.

: I suggest one of two options:

: 1) Put the keyword "UK" in the subject lines of messages on
: alt.radio.scanner and rec.radio.scanner (you did know there was a
: rec.radio.scanner, right?)

: 2) Get uk.radio.scanner created instead.

1729. RS PRO-39

Newsgroup: rec.radio.scanner
Date: 1995-02-04 23:16:30 UTC
From: afn16368@usenet.freenet.ufl.edu
Message-ID: <3h11se$22fg@freenet3.freenet.ufl.edu>
Source record: 261835

```
: Hello out there. I am wondering if anyone knows any tricks connected
: with RS's PRO-39. The geek in there sold me the last PRO-39 with
: Cellular scan, so I don't think I have to mod it.. I just want to know if
: anyone knows of any other tricks to be had with the beasty little thing.

--
-----------------------------------------------------------------------
| Jesse Rhoads, KE4CQE E-Mail: afn16368@freenet.ufl.edu |
| Alternative E-Mail Address: KE4CQE@DKEEP.COM |
| Amateur Radio Packet: KE4CQE@K4DPZ.#GNVFL.FL.USA.NA |
| Member 2 Years: Gainesville Amateur Radio Society, Technician Class|
| Message Originated @ Alachua Freenet in Gainesville, Florida |
-----------------------------------------------------------------------
If you know what the following is, read it with glee.
G! D-- H+ S-:+ !g p6+ au- a-- a15 w v+ c+++ U? E? N+ K- W M-- -po+ Y- t+
5-- jx R++ G+ tv-- 6+++ D+++ B--- e* U+ h! f- r-- n---- x?
```

1730. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-04 23:38:42 UTC
From: David Josephson <davidj@rahul.net>
Message-ID: <3h1362$lvs@hustle.rahul.net>
Source record: 261836

In <Reza-0302952150560001@198.199.237.100> Reza@cerf.net (Reza Pourzia) writes:

>In article <3gp780$aio@hustle.rahul.net>, David Josephson
><davidj@rahul.net> wrote:

>>
>> I posted a reply earlier - in short, the subcarriers and their modulation

>I cannot find your earlier reply. I would appreciate it if you could post
>it again or mail it to me. Thanks for your informative reply.

I canceled my earlier reply because it was wrong... SCA subcarriers
are FM, not AM. There may be as many of them as the licensee wants, but
the total modulation of the main carrier by the SCA's must be less than
30% for a mono station or 20% for a stereo station, and less than
10% for SCA's above [75, 90, I forget] kHz. All of the rules can be
found in a well stocked library that has the Code of Federal Regulations,
47 CFR 73, I think 73.319 or something near that.
--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

1731. Re: PRO 2035

Newsgroup: rec.radio.scanner
Date: 1995-02-05 01:06:42 UTC
From: steven@sgb.oau.org
Message-ID: <D3I5r7.JJt@sgb.oau.org>
Source record: 261839

austinr@nr.infi.net wrote:
: I would like to know if anyone know anything about PRO 2035 (the 1000 channel scanner).
: Can it be modified for cellular? Is it a better unit than the PRO 2006.
: I an trying to decide which to get.

Contact Javiation - he is in the UK - for a UK version - that one comes with cellular but may need a jumper change for 30khz stepping. Add either a 13.8v DC transformer or a replacement transformer for the US model from National Parts (110v AC). I have heard the 2006 is better.

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@america.com
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

1732. AR8000 handheld scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-05 01:14:15 UTC
From: eric172@aol.com
Message-ID: <3h18p7$9m6@newsbf02.news.aol.com>
Source record: 261840

Can someone clue me in on where I can purchase an AR8000 scanner in New Jersey? Preferably somewhere in the central area of the state.

1733. Re: Erasing channels

Newsgroup: rec.radio.scanner
Date: 1995-02-05 01:20:03 UTC
From: dhughes@prairienet.org
Message-ID: <3h1943$5ls@vixen.cso.uiuc.edu>
Source record: 261841

In a previous article, gregemm@aol.com (GregEmm) says:

>How can I erase stored frequencies from a Uniden Regency scanner.Model No.
>R4020.Thanks.
>
Greg, you might try what works on other Unidens--turn the radio off, hold down the 2,9, and Lockout keys and turn the radio back on as you hold those keys down.

AND I NEED HELP TOO: On my 200XLT, 2-9-L/O clears everything, but when I reprogram it, the first frequency I save is automatically stored in every channel. Anybody know how to overcome this?

--

1734. DTMF decoding via s-blaster

Newsgroup: rec.radio.scanner
Date: 1995-02-05 01:37:30 UTC
From: ddillon@csulb.edu
Message-ID: <3h1a4q$mqo@garuda.csulb.edu>
Source record: 261625

Does anyone know where to find software that would decode dtmf and ctcss tones with the use of a soundblaster. I don't imagine it is too difficult of a prospect to write for someone familiar with the workings of the care. I, unfortunately, am not skilled in that area.

If anyone knows of a way to decode and log onto disk the ctcss tones and dtmf tones, please let me know.
ddillon@csulb.edu
packet: kd6fpx@k6ve.#soca.ca.usa.noam

1735. Re: DTMF decoding via s-blaster

Newsgroup: rec.radio.scanner
Date: 1995-02-05 02:11:50 UTC
From: dbak@elm.lle.rochester.edu
Message-ID: <1995Feb5.021150.23783@galileo.cc.rochester.edu>
Source record: 261843

In <3h1a4q$mqo@garuda.csulb.edu> ddillon@csulb.edu (Daniel Dillon) writes:

>Does anyone know where to find software that would decode dtmf and ctcss
>tones with the use of a soundblaster. I don't imagine it is too difficult
>of a prospect to write for someone familiar with the workings of the care.
> I, unfortunately, am not skilled in that area.

>If anyone knows of a way to decode and log onto disk the ctcss tones and
>dtmf tones, please let me know.
>ddillon@csulb.edu
>packet: kd6fpx@k6ve.#soca.ca.usa.noam

I have a program which will do it. I'll post it to everyone
on the group as soon a I figure out how to uuencode. Maby someone
can help me find the internal audio mod to my BC200xlt.
The program only works for 8 bit mono and with a sampling rate
of 22KHz. This is no problem for most soundblasters which I have seen.
It's not that fast but works quite well.
Doug

1736. Code decoding

Newsgroup: rec.radio.scanner
Date: 1995-02-05 02:29:42 UTC
From: afn16368@usenet.freenet.ufl.edu
Message-ID: <3h1d6m$2f3@freenet3.freenet.ufl.edu>
Source record: 261844

```
: 1) Why would you want to decode DTMF? I can do it with my ear.
: 2) I don't know about CTCSS decoders. Ask your local hams.
```

--

Jesse Rhoads, KE4CQE <afn16368@freenet.ufl.edu>or<KE4CQE@dkeep.com>
Amateur Radio Packet: KE4CQE@K4DPZ.#GNVFL.FL.USA.NA

G! D-- H+ S-:+ !g p6+ au- a-- a15 w v+ c+++ U? E? N+ K- W M-- -po+
Y- t+ 5-- jx R++ G+ tv-- 6+++ D+++ B--- e* U+ h! f- r-- n---- x?

1737. Cellular Vibrator (Wireless)

Newsgroup: rec.radio.scanner
Date: 1995-02-05 03:19:46 UTC
From: davidg@edgar.stern.nyu.edu
Message-ID: <Pine.SUN.3.91.950204221627.9667C-100000@edgar.stern.nyu.edu>
Source record: 261737
Cross-posted to:
ny.forsale,alt.radio.scanner,alt.security,nj.misc,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.swap

New Cellular vibrator. Now you can turn off the ringer on your cellular phone and be vibrated like a pager. Unit is smaller than a pager and clips on your belt. Wireless, just keep the phone with in 3 feet like in your laptop bag). Unit works with any cellular phone. $39 plus c.o.d. or send a check. e-mail me for more info.

1738. Re: Code decoding

Newsgroup: rec.radio.scanner
Date: 1995-02-05 03:29:27 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3h1gmn$eh5@globalnews.globalvision.net>
Source record: 261846

afn16368@usenet.freenet.ufl.edu (Jesse Rhoads KE4CQE) wrote:
>
> : 1) Why would you want to decode DTMF? I can do it with my ear.
> : 2) I don't know about CTCSS decoders. Ask your local hams.
>
> --
> ��
> ������������������L
> ? Jesse Rhoads, KE4CQE <afn16368@freenet.ufl.edu>or<KE4CQE@dkeep.com>?
> ? Amateur Radio Packet: KE4CQE@K4DPZ.#GNVFL.FL.USA.NA ?
> ? G! D-- H+ S-:+ !g p6+ au- a-- a15 w v+ c+++ U? E? N+ K- W M-- -po+ ?
> ? Y- t+ 5-- jx R++ G+ tv-- 6+++ D+++ B--- e* U+ h! f- r-- n---- x? ?
> ��
> ������������������

I've HEARD that some folks are able to do that! Buy why, you ask? Only
so that we can check our cordless phones and make sure that the # we
are pressing is really the number that is being sent! Why else? (-:

Scott

1739. AR-8000 "EX" & [PASS] problems

Newsgroup: rec.radio.scanner
Date: 1995-02-05 03:42:29 UTC
From: bbbjamin@aol.com
Message-ID: <3h1hf5$bfc@newsbf02.news.aol.com>
Source record: 261847

AR-8000 "EX" & [PASS] problems

"EX" command
[PASS] Function

RE: "EX" Command for the AR-8000 interface won't work
I can not get the "EX" command to work. Example - While using different commands via [Computer ::Interface:: AR-8000] I can not get the "EX" command to function, the AR-8000 beeps like it excepted the command but I can not use the keyboard as the Manual explains, until I manually push [LOCAL] on the 8000 key pad.

What's the deal!!??

RE: [PASS] Function
Also while in limit search with the 8000 and using [PASS] function I have found a problem, Example: Setting up a search with starting freq. of 46.0 & ending freq. of 47.0 step value of 10K. This is the problem the manual notes (p-91) To prevent the same freq. using up many pass channels the 8000 will not permit the same freq. to be registered for PASS within a range of +/-10K from the previouse locked out freq. So if I want to PASS 46.7 but keep 46.6 & 46.8 I can't do it. So actually the 8000 is PASSING all three 46.6 / 46.7 / 46.8 this is a BUG unless I can disable the 10K spacing parameter. Can I reprogram the 10K to lets say 5K, or disable it completely??????

What command do I use to Dump of the 8000's EEPROM to my computer??

Please E-Mail BBJAMIN@aol.com
The 8000 is Nice but could be Nicer

1740. Re: AR8000 PLL Error..

Newsgroup: rec.radio.scanner
Date: 1995-02-05 03:47:58 UTC
From: bbbjamin@aol.com
Message-ID: <3h1hpe$bhi@newsbf02.news.aol.com>
Source record: 261848

Send it back I had the same problem, the new one or repaired one does not do it at all.. Just make sure your battery is charged fully before jumping the gun!! low battery will give PLL ERROR too.....

1741. AR-8000 anySoftware YET!?

Newsgroup: rec.radio.scanner
Date: 1995-02-05 03:56:51 UTC
From: bbbjamin@aol.com
Message-ID: <3h1ia3$bku@newsbf02.news.aol.com>
Source record: 261849

Does anybody have some shareware Yet for Macintosh and AR-8000????
Hypercard, Microphone Pro, FoxBase, Others.....

1742. Houston, TX freqs needed

Newsgroup: rec.radio.scanner
Date: 1995-02-05 04:08:00 UTC
From: jerry.snell@travel.com
Message-ID: <1d.12456.930@travel.com>
Source record: 261713

On 01-29-95, Jim Brooker said to ALL:

JB>Anyone have a list of popular Houston area frequencies? I have the FCC
JB>database, but there are well over 10,000 frequencies and my AR8000 won't
JB>hold that many <g>.

Where or how does one acquire the FCC database? Our local police force is in
need of some open frequencies in our area. Thanks.
===JLS==>
~~~
* VbReader 2.22 #27 * Last gripe and I'll go back in my hole...
~~~

1743. Re: WANTED: Rhode Island Freq.

Newsgroup: rec.radio.scanner
Date: 1995-02-05 04:26:09 UTC
From: j4dice@aol.com
Message-ID: <3h1k11$c45@newsbf02.news.aol.com>
Source record: 261850

ap201002 (Steve Thompson) wrote:

>Could someone please post the frequencies for the Rhode Island State
>Police. Also if you know the police freq. for the town of Barrington.
It
>would be much appreciated if someone could post these.

>Thank You very much I appreciate your help

This is what I have. It's a year or two old, but should still be good.

R.I. State Police:

154.695 Unit-to-Unit
154.905 South
154.935 North
155.190 R.I.S.P.E.R.N.
155.445 Tac-1
155.505 Detectives
155.610 Data
159.150 Tac-2
154.680
154.710

Barrington Town Police:

155.490
158.970

Jim Fordyce
j4dice@aol.com
Coram, NY

1744. Re: Television cabel output for Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-05 05:13:50 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3h1mqe$ijg@ixnews1.ix.netcom.com>
Source record: 261851

In <3gv769$7mn@news.asu.edu> chicken@imap1.asu.edu writes:

>
>Hey I was wondering what type of reception I would obtain by installing
>my cable wire into my scanner. I mean, he helps bring out FM radio
>stations on my receiver, but can it help on the scanner?

Sorry, no. While there may be an illusion to being hooked up to a giant antenna array on a mountaintop, TV cable is a closed rf system, and the only thing that you can receive is what the cable company inputs into it.
It does sound like yet another cable channel to call and ask for, though<G>, "Call your cable company and ask for the Scanner Network!, 30 of America's biggest police departments, piped into your scanner! And, if you get the optional decoder box, hear the hottest 976 numbers, too!"

David, cable employee who has been reading too many marketing magazines....

--

David Palmer DPalmer@ix.netcom.com
"Oh aint it good when things are going your way, hey! hey!"

1745. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-05 05:16:50 UTC
From: patrick.cook@hotelnet.com
Message-ID: <9502042316.0WPDX00@hotelnet.com>
Source record: 261852

Hi, Grady:

> Well I'm all for the Old Farts like WB4UIV teaching us young'uns
> how to really efficiently use amateur radio. How about staying on

Could've fooled me. Afterall, wasn't it YOU who advocated the idea that all you need to do to see if you're hitting a repeater is to simply key, and un-key the microphone(...like some no-ID bozo is doing right now on a local 440 Mhz. repeater)??????

> WB4UIV represents the worst, vicious tradition of amateur radio
> the tradition that shortly will make amateur radio worthless except
> for chopping up and auctioning off to hand held video games.

You don't look like you're any better. In fact, I'll say you are WORSE than Glenn seems to be. If the tradition of Ham Radio(....oh, excuse me, AMATEUR radio) is someday deemed worthless, it'll be because of idiotic morons such as YOU(...._NOT_ Glenn).

> WB4UIV should start innovating in the hobby rather than whining
> about their betters who point out that brass pounding is
> becoming suspiciously close to sand pounding.

Oh, brother!

W A K E U P A N D S M E L L T H E C O F F E E , G R A D Y !

If ANYBODY here in this group has an "I don't give a s**t" attitude, it's _YOU_!!!!! You haven't the FOGGIEST idea of what HAM(...I will call it that) Radio IS, do you????

I don't think so!

> : This is what the KO6EBs do for us.

You're darned right, Glenn. Grady IS the epitomy of HAM Radio's own WORST, PATHETIC example!!!!

QST! QST! QST! All stations be forewarned of GRADY WARD, KO6EBs Operating Practices(...not to mention PROCEEDURES)!!!!!

Tell me something, Grady! Which is more important to you in the wake of an earthquake in your area? A): Helping your local ARES or RACES group with NECCESSARY communications on HF, or B): Grabbing that last DXCC Country, while "your" comrades are working their butts off just trying to keep reliable communications going in the same disaster?????

Humor me!

37's for now!

DE KB0OXD

1746. Is RS Pro-39 dated 11A3 Mod-able, RS wants $219, Fair Price?

Newsgroup: rec.radio.scanner
Date: 1995-02-05 06:37:46 UTC
From: donwood@aol.com
Message-ID: <3h1rnq$do8@newsbf02.news.aol.com>
Source record: 261854

Radio Shack having discontinued the Pro-39 has put them on $219 until gone pricing. Is this a fair price? It seems roughly comparable to the 51/62 class machines but unlike the 62 has full air band. The 62 is on sale for the same price (during April) and has triple conversion but I want to retain the option of modifying it for full 800 Mhz should the mood take me. ;-)

Is a Pro-39 of this vintage modifible? The dealer has about 15 in stock. Is there any previous date number that might make it worth looking through all of them to find?

I've have a Pro-39 800 Mhz mod posted here earlier but it doesn't mention versions. Perhaps version dating is only necessary on other models and all 39s are modable...but before I buy one I thought I'd ask.

ADVthanksVANCE

1747. Re: AR-8000 anySoftware YET!?

Newsgroup: rec.radio.scanner
Date: 1995-02-05 07:40:48 UTC
From: mysterywho@aol.com
Message-ID: <3h1ve0$eh4@newsbf02.news.aol.com>
Source record: 261856

Yes, anybody, anything!

Greg

1748. San Diego, Ca

Newsgroup: rec.radio.scanner
Date: 1995-02-05 07:50:32 UTC
From: rsopicki@pro-amber.cts.com
Message-ID: <b486002@pro-amber.cts.com>
Source record: 261857

I'm new to scanning. What are some busy freqs to listen in on in the San Diego area? Please someone help me out. I have one busy freq. 159.045 keeps my ears perked up. Can someone suggest any others?

ProLine: rsopicki@pro-amber | System Administrator
Internet: rsopicki@pro-amber.cts.com | Pro-Amber
UUCP: crash!pro-amber!rsopicki | 619-460-9762
|

1749. Re: AR8000 and hissing headphones

Newsgroup: rec.radio.scanner
Date: 1995-02-05 08:10:16 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.13fq@portal.apana.org.au>
Source record: 261858

On Mon 30-Jan-1995 8:26p, Dat Vancao wrote:

DV> You should consider that the head/ear phones has a freqency range
DV> from 20,000 Hz to 20 Hz. The speaker on the AR8000 does not have
DV> that high and low of a freqency range. That's why you can not
DV> hear the hiss or the low bass on the speaker.

Exactly and the best thing you can do is go out and buy some crappy cheap
headphones that you wouldnt buy to listen to music unless you REALLY had to..
They wont have the Freq Range that High Fidelity music has but are just right
for listening on the scanner..

Quote: He that would govern others, first should be the master of himself.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

1750. Re: AR8000 interface

Newsgroup: rec.radio.scanner
Date: 1995-02-05 08:59:45 UTC
From: hcorn@cix.compulink.co.uk
Message-ID: <D3IrnM.6p0@cix.compulink.co.uk>
Source record: 261859

JIM NUGW64A@prodigy.com asks:

Is there any DEFERENCE in the interfaces between the UK version and US
> version ?

I suppose I could make some cheap remark about the US still being
deferential to the old colonial power, but I suspect the answer you want
is as follows:

1 The UK interface permits direct cloning between two AR8000
without the need for a PC to hold the data in an intermediate stage

2 The UK interface is 3-wire only which slows down the transfer
rate

1751. Manuals

Newsgroup: rec.radio.scanner
Date: 1995-02-05 09:36:00 UTC
From: bill.turner@tnlhub.esnet.com
Message-ID: <1c6_9502051232@tnlhub.esnet.com>
Source record: 261874

Looking for someone who may have either a manual for the Kenwood TS-520SE, the MFJ Versa Tuner II, and/or the Heathkit HM-102 for sale or who would be willing to photocopy the manual(s) at my cost.

Thanks for your help.

Bill

1752. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-05 09:41:20 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Feb5.094120.3149@grian.cps.altadena.ca.us>
Source record: 261860

orkin <orkin@delphi.com> writes:

>Does anyone know if the polce use cellar,landline or other telephone service,
>when they are ask to call by phone. example:
>
> " this is 345 can you please call me at the station car 16?"
>
>I hear stuff like that all the time and was wondering if they run to a pay
>phone or a cellur or other phone system.

The telephone system has the technical capability to flag a phone number
as non-billing. They could have a unlisted nonbilling number that they
can call from a pay phone (wouldn't require dropping 20 cents - just
lift the handset and dial). I know of several local numbers here that
are non-billing. They could also have an 800- number.

--
Mike Morris WA6ILQ | All opinions must be my own since nobody pays
PO Box 1130 | me enough to be their mouthpiece...
Arcadia, CA. 91077 |
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

1753. Re: Ah ha There Is An AR8000 Secret!

Newsgroup: rec.radio.scanner
Date: 1995-02-05 11:01:40 UTC
From: jdwhite@iastate.edu
Message-ID: <3h2b6k$p2b@news.iastate.edu>
Source record: 261861

In article <3h0e8k$pio@panix3.panix.com>,
Michael Schuster <schuster@panix.com> wrote:
>In article <3gudv1$kts@nntp.crl.com>,
>Victor Healey (ki4je) <vhealey@crl.com> wrote:
>>I just recieved a very very intersting piece of email from Germany.
>>There is an unusual function built into the AR8000 that requires
>>an option board.
>>The software for this is already in the system rom,
>>to make this board work.
>>
>>what is this unique option?
>
>The descrambler board for Japanese cordless phones, of course.
>
>Just like the one already available for the Yupiteru.

Anyone care to elaborate on this option board?

--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University
Ames, Iowa Strive for excellence, not perfection.

1754. Re: AOR8000 vs MVT-7100

Newsgroup: rec.radio.scanner
Date: 1995-02-05 11:37:44 UTC
From: Richard@foxfield.demon.co.uk
Message-ID: <791984264snz@foxfield.demon.co.uk>
Source record: 261863

In article <3gteur$mvu@mrnews.mro.dec.com>
klimasewski@fccvde.enet.dec.com "My name is Ken" writes:

>
> What are the performance differences between them? Is one any better
> than the other receiving wise? I realize the computer interface is a plus
> but what about the receiver?
>
Having played around extensively with both, I would go for the MVT7100 every time. -- The VHF/UHF performance of both is good and the SW performance marginal like all scanners, but the Yupiteru is very much more user friendly. A good test of any scanner is -can you use most of its' features without ever reading the manual. If you can, it is sensibly simple. The MVT7100 passes this test easily. The AOR doesn't.

The Yupiteru also has the performance edge over the AOR, even though it is considerably cheaper here.

Yupiteru manufacturing quality is excellent. AOR is not always so.

In Europe, the MVT7100 outsells the AR8000 by a factor of 10 or so.

Richard

1755. Re: ***** ANNOUNCING PC-MONITOR v4.03 PC control of FRG-8800 *****

Newsgroup: rec.radio.scanner
Date: 1995-02-05 11:51:19 UTC
From: cmartin@cix.compulink.co.uk
Message-ID: <D3IzLJ.G38@cix.compulink.co.uk>
Source record: 261864

Where can I get a copy of PC-Monitor v4.03 ? I thought it was not not developed after v 1.0

Chris

1756. Indianapolis Freqs??

Newsgroup: rec.radio.scanner
Date: 1995-02-05 12:09:00 UTC
From: darwin.teague@exnavy.esnet.com
Message-ID: <249.512.352.0ND9E975@exnavy.esnet.com>
Source record: 261865

MM>Organization: Cleveland State University

MM>Title says it all...

MM>I will be in Indianapolis next week. Can someone please email me
MM>Indianapolis Police and Fire frequencies? I'll be downtown.

POLICE/FIRE MUTUAL AID SERVICE (DOT, METRO, ETC.)
(BASE TX) (TX/RX) (BASE TX)

1. 860.987 1. 866.012 1. 859.987
2. 860.937 2. 866.512 2. 858.987*
3. 860.762 3. 867.012 3. 858.437
4. 860.262 4. 867.512 4. 857.437
5. 859.937 5. 868.012 5. 857.987
6. 859.762 6. 856.987
7. 859.262 7. 856.437
8. 858.937 8. 855.987
9. 858.762 9. 854.987
10. 858.262 10. 859.437 *
11. 858.212
12. 857.937
13. 857.762
14. 857.262
15. 857.212
16. 856.937
17. 856.762
18. 856.212
19. 855.487
20. 867.112
21. 866.537
22. 866.125
23. 866.1000
24. 866.837

1757. Pro-43

Newsgroup: rec.radio.scanner
Date: 1995-02-05 12:34:12 UTC
From: FCGL22A@prodigy.com
Message-ID: <3h2gk4$5hoe@usenetp1.news.prodigy.com>
Source record: 261866

I have a Pro-43 (not moded) for sale. WIth nicads and charger.

$200.00

Call The Dx Connection Bbs and leave word with sysop.
201-692-3705 or 201-692-8171 both nodes 28.8

1758. Re: BC2500 Cell Mods Please (lost mine)

Newsgroup: rec.radio.scanner
Date: 1995-02-05 14:12:56 UTC
From: jtbeard@cais2.cais.com
Message-ID: <3h2md8$sdn@news.cais.com>
Source record: 261867

[No readable article body recovered]

1759. Re: AR8000 Access Database Updated by Jim Dantin (posted) to my info site

Newsgroup: rec.radio.scanner
Date: 1995-02-05 14:57:15 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3h2p0b$rj5@sparc.occ.uky.edu>
Source record: 261868

Victor Healey Ki4je (vhealey@crl.com) wrote:
: Jim Dantin (mailto: jadantin@ndlc.occ.uky.edu) has posted an
: improved version of Steve Siegel's AR8000 Access database to
: ftp://ftp.crl.com/users/ro/vhealey/www/ar8000-1.zip .

I'm currently working on the -2 version. Most of my efforts have been
focused on getting the data from the AR8000 into the frequency database.

I need some opinions:

In version -2, you still have to use a terminal program to communicate
with the AR8000. Once you get a "MX" formatted text file, you can import
it into the database.

Here's the question:

Once you do your first dump from the AR8000, and import it into the
database, are you going to be importing a lot more frequencies, or just a
few that you have manually keyed in or located through searching?

I'm trying to decide on the approach to take - do I design for easy
capturing of a few frequencies, or do I need an elaborate scheme to
"syncronize" the database with the radio. Right now, it's a whole lot
easier to manage the frequency and channel assignments in the computer,
clear out the AR8000's memory, and reload it with a fresh set than trying
to keep the two in sync.

I really need your ideas and import (is anyone actually interested in the
project??)

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

1760. Jan Van Damme ???

Newsgroup: rec.radio.scanner
Date: 1995-02-05 15:07:50 UTC
From: hduff@humnet.westonia.com
Message-ID: <7749207293001@humnet.westonia.com>
Source record: 261869

Hi Jan...I've misplaced your e-mail address.
I received your letter.. I want to confirm your home address before
sending the package. COuld you e-mail me with the full info please.

Hugh hduff@humnet.westonia.com

 NFX v1.3 [000] Graphic Offline Mail Reader.

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"

1761. Sacramento State frequencies needed

Newsgroup: rec.radio.scanner
Date: 1995-02-05 15:42:00 UTC
From: maddox@west.darkside.com
Message-ID: <P542Zc4w166w@west.darkside.com>
Source record: 261870

I will be going to visit a friend next weekend. She attends Sacramento State Univeristy and I would like to know what the local police/fire frequencies are for the campus. I assume they have their own cops just like other schools. Any and all help will be appreciated.

Send mail to maddox@ottoman.mocten.com because when things get posted here I always miss them for some reason.

Thanks.

---
maddox@someplace.somehwere.org.net.gov.mil
Snort.

1762. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-05 15:44:40 UTC
From: maddox@west.darkside.com
Message-ID: <6942Zc5w166w@west.darkside.com>
Source record: 261697

colombo@fnalv.fnal.gov (Rick Colombo) writes:

> In article <x214if-.orkin@delphi.com>, orkin <orkin@delphi.com> writes:
> > Does anyone know if the polce use cellar,landline or other telephone servic
> > when they are ask to call by phone. example:
> >
> > " this is 345 can you please call me at the station car 16?"
> >
> >
> > I hear stuff like that all the time and was wondering if they run to a pay
> > phone or a cellur or other phone system.
>
>
> Around here, they say "TX", which means use a phone. As for how they do
> it, I pass by a pay phone that almost always has a cop car there. If
> my "bird dog" goes off (radar detector) as I pass this pay phone, I just
> ignore it because I know they're busy on the phone ;-)
>
>
> RC

Well here they have cell phones in all the supervisor's cars.

---
maddox@someplace.somehwere.org.net.gov.mil
Snort.

1763. Re: Need basic explanation on ctcss & dtmf

Newsgroup: rec.radio.scanner
Date: 1995-02-05 16:03:16 UTC
From: bob@texas.net
Message-ID: <3h2ss4$59p@empire.texas.net>
Source record: 261871

In article <3gp7pg$1o5g@tequesta.gate.net>, habu@gate.net (Michael Fink) says:
>
>Could someone please explain these two terms to me I am
>looking at a M-400 decoder and was wondering how these
>decoding standards work.

Mike;
CTCSS stands for continuous tone coded squelch system. It is also
known as "subaudible tone" and "PL" by those who have been around a
while. It is a low freq (60-250 Hz) tone which is placed on the
transmitted signal continuously--you can't hear it, but a radio with
a CTCSS decoder can tell if a particular tone is there. It can be used
with a digital sqelch--only signals with the appropriate tone will
break the receiver squelch, or to limit access to the input of a repeater
to those stations with the right CTCSS tone (useful in areas where there
is some overlap of repeater coverage...

DTMF is dual-tone multifrequency. It is the standard 2-tone touch-tone
the phone system uses.

Bob Scott WY7O | Roses are red, Violets are blue
bob@texas.net | I'm schizophrenic, And so am I

1764. Toronto scanner net?

Newsgroup: rec.radio.scanner
Date: 1995-02-05 16:38:11 UTC
From: Jesse.Michaels@odxabbs.tor250.org
Message-ID: <b34_9502060115@tor250.org>
Source record: 261665

Hi all.

Does anyone out there know of a ham net for scanning in the greater Toronto area? Any vhf, uhf or hf freqs would be appreciated. An email reply would be appreciated. You can email me at jmichael@uoguelph.ca

Thanks in advance.

Jesse
--
| Fidonet : Jesse Michaels 1:250/930
| Internet: Jesse.Michaels@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.

1765. Kerchunking

Newsgroup: rec.radio.scanner
Date: 1995-02-05 17:02:15 UTC
From: afn16368@usenet.freenet.ufl.edu
Message-ID: <3h30an$peq@freenet3.freenet.ufl.edu>
Source record: 261872

```
: I agree with N0PKT on that. But here's another comment: Let's thank god
: that KO6EB is a licensed Ham!! It could be a boot-legger or a theif who
: thinks the HT he stole was a fancy CB rig! We've had a few of those down
: here in FLA unfortunatly, because of all those dumb hicks who think that
: CB is all there is and so they go out to steal one and actually get a 2m.
: Kerchunking is illegal, yes, but at least it's a ham and not a bootlegger.
:
: --KE4CQE-- (15 year-old ham; Licensed 2 years)
```

--

Jesse Rhoads, KE4CQE <afn16368@freenet.ufl.edu>or<KE4CQE@dkeep.com>
Amateur Radio Packet: KE4CQE@K4DPZ.#GNVFL.FL.USA.NA

G! D-- H+ S-:+ !g p6+ au- a-- a15 w v+ c+++ U? E? N+ K- W M-- -po+
Y- t+ 5-- jx R++ G+ tv-- 6+++ D+++ B--- e* U+ h! f- r-- n---- x?

1766. PRO-39

Newsgroup: rec.radio.scanner
Date: 1995-02-05 17:06:23 UTC
From: afn16368@usenet.freenet.ufl.edu
Message-ID: <3h30if$peq@freenet3.freenet.ufl.edu>
Source record: 261873

```
: I bought a PRO-39, with 800-900 MHz still operative. It's worth the
: $200 now 'cos when the cellu-blocked models come out they will be in the
: neighborhood of $300. Grab two, or three even! They will go up in value!
```

--

[illegible]L·
[illegible] Jesse Rhoads, KE4CQE <afn16368@freenet.ufl.edu>or<KE4CQE@dkeep.com>[illegible]
[illegible] Amateur Radio Packet: KE4CQE@K4DPZ.#GNVFL.FL.USA.NA [illegible]

[illegible] G! D-- H+ S-:+ !g p6+ au- a-- a15 w v+ c+++ U? E? N+ K- W M-- -po+ [illegible]
[illegible] Y- t+ 5-- jx R++ G+ tv-- 6+++ D+++ B--- e* U+ h! f- r-- n---- x? [illegible]
[illegible]

1767. Re: Erasing channels

Newsgroup: rec.radio.scanner
Date: 1995-02-05 18:37:17 UTC
From: fporlowi@prairienet.org
Message-ID: <3h35st$s8e@vixen.cso.uiuc.edu>
Source record: 261626

>AND I NEED HELP TOO: On my 200XLT, 2-9-L/O clears everything, but when I
>reprogram it, the first frequency I save is automatically stored in every
>channel. Anybody know how to overcome this?
>
Try holding down the MANUAL, 2, and 9 keys and switch the radio on. It
works on my BC200XLT and on my BC220 XLT. If you hold down the SCAN 2,
and 9 and power up it will enter the factory test frequencys into the radio.

--
Are we having fun yet?

Frank

1768. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-05 19:32:47 UTC
From: hiyall@vnet.net
Message-ID: <3h394v$187@ralph.vnet.net>
Source record: 261627

Here in Charlotte they seem to have some kind of cell phone that works on the police freqs. You can hear them on several freq always the same ones they are not cell phone freq. Most of the calls are personal to wives etc and deadly boring.... One thing that is very strange is when the call is first made you hear both sides of the conversation then the cop's side slowly fades out untill you only hear one side (wife). When I first heard the phone calls I could not figure out why I was getting cell phone calls on a blocked scanner and why they were always women!!!
The cop's will often have someone call them on the land line for security reasons. sometimes you will hear one ask to call him on the cell phone or use conference which is not the same as using the phone...

1769. Problems with interference, Help Needed

Newsgroup: rec.radio.scanner
Date: 1995-02-05 19:34:49 UTC
From: jdjustin@netcom.com
Message-ID: <jdjustinD3JL21.M7n@netcom.com>
Source record: 261628

Hello,

I live in the San Gabriel Valley of Southern California. I have a Bearcat BC 200 XLT handheld scanner. Whenever I try to monitor frequencies in the 400 Mhz spectrum, and especially the 480 Mhz area I am overwhelmed with interference. The interference includes paging tones and unknown commercial radio traffic.

This problem is most acute when I am in my home. I do live near (within 2 blocks) some high power lines and transformers. I have solved the problem to a large extent by making and using 1/8 wave antenna for 480 Mhz. However, that solution is far from satisfactory for several obvious reasons.

The problem may be largely due to the poor dynamic range of the BC 200 XLT and the heavy RF in my area. When I tune my TH-77A 70CM HAM HT to the same freqs I don't get any interference.

I am considering purchasing a base model scanner with a better dynamic range than the 200 XLT. Would this solve the problem? And if so, which models should I consider? I would like to keep the cost under $400 (preferably under $200) and I really don't need 800 Mhz, or over 100 channels.

I also have heard that notch filters might solve the problems. What would such a solution entail?

Thanks for the help in advance.

Justin
KC6NTA

Justin Feffer
jdjustin@netcom.com

1770. Signature

Newsgroup: rec.radio.scanner
Date: 1995-02-05 19:53:09 UTC
From: afn16368@usenet.freenet.ufl.edu
Message-ID: <3h3ab5$21eh@freenet3.freenet.ufl.edu>
Source record: 261629

: Sorry folks, for that old, ugly sigature file you saw in my posts. It
also had incorrect information in it. It has now been redrawn and
updated. If you know what the code is, and saw my errors in my previous
signatures, I am sorry for the confusion. This is now the most accurate
code I could write. Enjoy.

--
[illegible]
[illegible]
[illegible]

1771. Re: AOR8000 vs MVT-7100

Newsgroup: rec.radio.scanner
Date: 1995-02-05 22:56:41 UTC
From: rb@mtsol.mt.att.com
Message-ID: <D3JuEI.LK4@nntpa.cb.att.com>
Source record: 261630

In article <3gteur$mvu@mrnews.mro.dec.com>,
My name is Ken <klimasewski@fccvde.enet.dec.com> wrote:
>
>What are the performance differences between them? Is one any better
>than the other receiving wise? I realize the computer interface is a plus
>but what about the receiver?
>
>thanks,
>Ken

I've done a side-by-side comparison of the ar8000 and the mvt7100
(same antenna on both).

I find the Yupi to be slightly more sensitive. And, it seems to
be less prone to fading signal dropouts. However, the difference is
not much.

Compared to the Yupiteru, the one thing I don't like about the AOR
has to do with esthetics. The Yupi has a more solid feel (I hate
the loose fitting AOR knobs), a much nicer vinyl case, and more even
keyboard/display lighting. Of course, the AOR does have more features
on its side...

Rich Bantel
rb@mtgbcs.att.com

1772. help: what is the best freq scanner to get?

Newsgroup: rec.radio.scanner
Date: 1995-02-05 23:02:58 UTC
From: koolkid@cac.washington.edu
Message-ID: <3h3lf2$ar9@news.u.washington.edu>
Source record: 261631

Hey:
I am new to this area. I am currently in the market for a new freq scanner. Which one should I get which can pick up "anything and everything." or which can I get which is modifiable to pick up anything and everything. Please send all responses directly to me. I am completely new to this area, so any help would be greatly appreciated. ie. Faq

--tim
--

Timothy F. Lee
Lead ACC Lab Assistant, Client Services
University of Washington

1773. Mail Order Scanners to USA

Newsgroup: rec.radio.scanner
Date: 1995-02-05 23:31:42 UTC
From: mark@hook.demon.co.uk
Message-ID: <792027102snz@hook.demon.co.uk>
Source record: 261632

My brother who lives in the USA has asked me to find out if there is anywhere in the UK where he can order an MVT7100 or AR8000 without the cellular lockout mods ie no gaps in the coverage. If so, what is the price in US$ including air mail shipping for these two radios?

Thanks very much.

Mark
--
mark@hook.demon.co.uk

1774. ar8000 cellular...

Newsgroup: rec.radio.scanner
Date: 1995-02-06 00:06:01 UTC
From: tvine@aol.com
Message-ID: <3h3p59$179@newsbf02.news.aol.com>
Source record: 261633

lets try this again......if you are interested in learning about a hidden asset in the ar8000, email me for info...

1775. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-06 00:39:37 UTC
From: vhealey@crl.com
Message-ID: <3h3qp8$1bt@nntp.crl.com>
Source record: 261717

cremer@delphi.com (charlie cremer) wrote:
>rejected. I finally figured it out the next day, the machine didn't like my
>step assignments. 15 and 25 KHz are the correct intervals for the 155 and
>470 MHz bands but the AR8000 won't accept them. Changing the step to 5KHz
>did the trick and all my channels were programed in no time flat. I wonder
>why the scanner rejects entries based on step sizes even when I've made sure
>to specify that the Automatic (Step & Mode) bandplan feature was off?

The reason this scanner rejected your frequencies is that you overlooked the
requirement that the frequency must be divisable by step size. Ie the step size must
be a factor of the desired frequency. Do the math on what you tried and see if
I am not correct.

ki4je

1776. RS Pro 46 Modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 00:42:00 UTC
From: mark.grunden@oakwood.com
Message-ID: <9502060602181085@oakwood.com>
Source record: 261634

On 02-01-95 RICHARD BAXTER wrote to ALL...
RB> Can someone tell me if my Radio Shack Pro-46 is modifiable for
RB> receiving the full cellular coverage? How about the Military
RB> airband in the 200 mhz band? The code on the back of the unit is
RB> 10A3 so judging from what I've read already on different posts,
RB> this unit does fit into the units that were manufactured before
RB> the CPU blockout. Any info will be greatly appreciated.
RB> -= Rich =-

The 10A3 Pro-46 you have is, at the least, modifiable for the
cellular frequencies (via the keyboard 2,9,L/O,switch on method).
However, I don't know about the military aircraft frequencies.
If you find out that it is, let me know, as I would be interested in
that modification also.

-MG-
---
* OFFLINE 1.56

1777. QUEENSLAND POLICE CALLSIGNS/DISTRICTS (Australia)

Newsgroup: rec.radio.scanner
Date: 1995-02-06 01:18:07 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3h3tcf$5pm$1@adelaide.DIALix.oz.au>
Source record: 261238
Cross-posted to: rec.radio.scanner,alt.radio.scanner,aus.aviation

Can anyone help me with the appropriate police UHF channel number for the following areas of GOLD COAST, QUEENSLAND AUSTRALIA.

What channel number would I use (from 64 UHF police freqs) if I were if following area: (Such as channel 36 for Beenleigh)

- COOLANGATTA

- BROADBEACH

- SURFERS PARADISE

- SOUTHPORT

- BEENLEIGH

- WOODRIDGE

- HINTERLAND

- COOMERA

- BRISBANE CITY

- AND WHAT CHANNELS FOR NORTH, EAST, SOUTH, WEST METRO BRISBANE AREAS

Many thanks as I am holidaying there very soon and would like to know what channels to listen to for each area. (I already have 64 freqs so dont worry about sending them.....just channel number)

PLEASE EMAIL ME!!!

Matthew
matthew@adelaide.DIALix.oz.au

PS For those of you who are reading this in aus.aviation I apologise for posting it there but I am desperate for the info quickly and I thought that there must be some scanner users in aus.aviation that also listen to police that may be able to help me

1778. What are the Uniden BC2500XLT freq. ranges?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 01:18:42 UTC
From: dyee@lynx.dac.neu.edu
Message-ID: <3h3tdi$t13@lynx.dac.neu.edu>
Source record: 261635

I am considering the purchase of a Bearcat 2500XLT.
I know it is advertised as going from 25MHz to 1300MHz,
but can anyone tell me what the blackout bands are on this
scanner?

thanks,

Dave

--
| | dyee@lynx.dac.neu.edu
| We are the Internet. | GE/GO au+++ w+++ h++
| Resistance is futile. You will be assimilated. | f++ !v UO++ N+++ t++@
| | C++++ Y++ [PGP v2.62]

1779. QUEENSLAND POLICE CALLSIGNS (in Australia)

Newsgroup: rec.radio.scanner
Date: 1995-02-06 01:21:30 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3h3tiq$5u1$1@adelaide.DIALix.oz.au>
Source record: 261237
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone PLEASE help me with some callsigns for QUEENSLAND POLICE (In Australia VKR).

Im holidaying there soon any am after the info desperately.

PLEASE EMAIL ME!!

Many Thanks

matthew@adelaide.DIALix.oz.au

1780. Pro-23 chan scanning

Newsgroup: rec.radio.scanner
Date: 1995-02-06 02:53:03 UTC
From: armstrc@CSOS.ORST.EDU
Message-ID: <3h42uf$lbv@jadzia.PEAK.ORG>
Source record: 261636

I have a Pro-23 scanner and I want to scan between two freq limits. How do I set the limits? I know I need to use the limit key, but how?

armstrc@peak.org

1781. Re: DTMF decoding via s-blaster

Newsgroup: rec.radio.scanner
Date: 1995-02-06 03:28:31 UTC
From: ddillon@csulb.edu
Message-ID: <3h4510$g4i@garuda.csulb.edu>
Source record: 261637

: I have a program which will do it. I'll post it to everyone
: on the group as soon a I figure out how to uuencode. Maby someone
: can help me find the internal audio mod to my BC200xlt.
: The program only works for 8 bit mono and with a sampling rate
: of 22KHz. This is no problem for most soundblasters which I have seen.
: It's not that fast but works quite well.
: Doug

Thanks Doug for the software.
I looked to see what I have for the 200xlt, and sorry, nothing
regarding audio. All I have here is info on cell restore, which is widely
available anyway. Thanks for the dtmf stuff and 73 de kd6fpx

1782. Re: Code decoding

Newsgroup: rec.radio.scanner
Date: 1995-02-06 03:31:08 UTC
From: ddillon@csulb.edu
Message-ID: <3h455s$g4i@garuda.csulb.edu>
Source record: 261638

: I've HEARD that some folks are able to do that! Buy why, you ask? Only
: so that we can check our cordless phones and make sure that the # we
: are pressing is really the number that is being sent! Why else? (-:

: Scott
I know where you are going with that.
DTMF codes are used for a number of things in the Amateur Radio community
here in the los angeles area. DTMF controlls just about everything from
autopatches to antenna headings on HF work via remote bases.

73 de kd6fpx

1783. aor8000 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1995-02-06 04:25:38 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.95Feb5202538@regal.cisco.com>
Source record: 261639

In article <D3IrnM.6p0@cix.compulink.co.uk> hcorn@cix.compulink.co.uk ("Hugo Cornwall") writes:

I suppose I could make some cheap remark about the US still being deferential to the old colonial power, but I suspect the answer you want is as follows:

1 The UK interface permits direct cloning between two AR8000 without the need for a PC to hold the data in an intermediate stage

2 The UK interface is 3-wire only which slows down the transfer rate

Could you be more specific about the slowdown? Why is the transfer slower? Assumming the PC or the AOR needed to pause transmission, does it use the extra wire for flow control?
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep

1784. Scanner software?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 04:28:23 UTC
From: a0014246@unicorn.it.wsu.edu
Message-ID: <D3K9rC.8nn@serval.net.wsu.edu>
Source record: 261640

I've got a trident tr-4500(ar2500 on the display).
I need to find out about Windows based control software for this scanner.
Logging would be a plus.

Any info would be appreciated.

Mark Fuller
TANSTAAFL

1785. Re: WTB:Curtis NAM/ESN Reader

Newsgroup: rec.radio.scanner
Date: 1995-02-06 04:42:47 UTC
From: spider20@delphi.com
Message-ID: <pY56Tav.spider20@delphi.com>
Source record: 261641

vidiot <vidiot@primus.paranoia.com> writes:

>Cable TV bill got you down? Expand your viewing habits and get the MOST out
>of your cable bill! Email me for more information:vidiot@paranoia.com

If you have time I would like to hear from you about this

Thanks for any help.

Spider

1786. Re: Television cabel output for Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 04:50:58 UTC
From: spider20@delphi.com
Message-ID: <p46aTyi.spider20@delphi.com>
Source record: 261642

<chicken@imap1.asu.edu> writes:

>Hey I was wondering what type of reception I would obtain by installing
>my cable wire into my scanner. I mean, he helps bring out FM radio

I tried that exact thing today, I am looking for an easy low cost antenna
to rig up but I can tell you that it did nothing for the reception.

Sorry

Spider

1787. Re: Boston, MA Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-06 04:54:01 UTC
From: rbaker@modicon.com
Message-ID: <3h4a19$6cr@teaparty.modicon.com>
Source record: 261698

In article <17339E128S86.DEVENNEY@VM.TEMPLE.EDU>, DEVENNEY@VM.TEMPLE.EDU
says...
>
>I would appreciate any police, fire or amateur frequencies of interest
in
>Boston, MA. Thanks.
>

Here's a few to try :

Coast Guard Distress 156.800
MA State Police Ch 1 42.44
2 42.34
3 42.40
4 42.50
5 42.54
6 42.46
7 42.42
8 42.74
Hospital to Paramedics 155.340 (Good channel)
Med Flight 155.160

I have lots more for Northern Essex County if
you are interested...

1788. Re: Define

Newsgroup: rec.radio.scanner
Date: 1995-02-06 05:07:16 UTC
From: vector@inferno.com
Message-ID: <020860EBVKIGYBJXBNBK@inferno.com>
Source record: 261643

ID>kevin.jessup@mail.mei.com (Kevin Jessup) wrote:
ID>>
ID>>
ID>> So just HOW do all these unenforceable laws define "scanner" or
ID>> "scanning receiver"?
ID>>
ID>> I can get into test mode on my Motorola cellular flip phone
ID>> and receive other channels too. It doesn't actually scan,
ID>> but it will let you enter a cellular channel number, which
ID>> can then be monitored. Is my cellular phone ITSELF illegal?
ID>>
ID>> Is my $10,000 IFR spectrum analyser (which will demodulate anything
ID>> and receives cellular just fine) illegal? ;-) Can I mail it? ;-))
ID>>
ID>> Don't ya just love Big Brother??

ID> If you're gonna bitch about the law, you should at least know
ID>what it says. The Federal definition of "scanner" is a receiver that
ID>operates between 30 and 950 MHz and automatically samples at least
ID>four memories or channels. Your cellular phone and spectrum analyzer
ID>do not meet the test.

i guess then they've updated the 30-950MHz thing because the icom r9000
is now only saleable to governmental entities, and it covers the
cellband and then some....

vector@infero.com

1789. Re: Pro-46 7A3 Code

Newsgroup: rec.radio.scanner
Date: 1995-02-06 05:59:54 UTC
From: Mikek@world.std.com
Message-ID: <D3KDzu.2Mv@world.std.com>
Source record: 261644

In article <3guf79$1ihs@usenetp1.news.prodigy.com>,
Mojo Fox <XCVB98C@prodigy.com> wrote:
>There is a way to get Cell, but it requires erasing all your channles in
>memory.
>Basically it's the test mode:
>
>TEST MODE 1. Fill channels 1-25 with test frequences.
>- -
>- - - - - - - -
>
>Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.
>
Thanks, Mr. Mojo. But I couldn't get this to work on my Pro-46. I have a
newly purchased Pro-46 with a date code of 5A4.

Here's what I do:

I have the thing in my hand, turned off. I push the "2" key, then I push
the "9" key, then I push the "L/Out" key. Then I turn the thing on.

What it does:

It starts scanning as if nothing different was going on.

Did I make a mistake? Has the test code changed? (I have the shop manual
on order from RS, maybe I'll get the info there?)

What's a RS-46 owner to do? I'm bored by my cordles neighbors and I want
to check out the cell bands.

Can anyone give me a clue?

Thanks,

Mikek

1790. Help with a few Questions please

Newsgroup: rec.radio.scanner
Date: 1995-02-06 06:26:16 UTC
From: Marcum@nance.demon.co.uk
Message-ID: <224886865wnr@nance.demon.co.uk>
Source record: 261645

I am a U.S. citizen living in Britain. I'm a bit out of touch with the
U.S. Scanner market so I have a few questions. Any help would be appreciated

1) what other scanners are there like the Yupiteru MVT-7100?
I understand that this unit can receive from 100kHz to 1650MHz
Does AM, FM, WBFM, NBFM, and True SSB, is portable,1000 channels.
Are ther others that can do the same? are their problems with the
Yupiteru MVT-7100 or the others that I should know about?

2)What is the U.S. price for the Yupiteru MVT-7100 or
one of the other units that is like it (see
question 1). Are the non blocked (cellular band) still available?

3) Can someone give me the location and phone number for
Scanner world? (I need the regular toll number since the
Toll free 1800 number can't be dialed from Britain.)

4) Are there other "Scanner retailers" like scanner world? What are
their name locations and phone numbers?

I realize the questions are very general but I'll be coming back to the
U.S. soon and I want to buy a "super capable" scanner like the Yupiteru MVT-7100
If I can still find a non blocked unit at a U.S. outlet I'll buy it by
phone and have it shipped to a relative in the U.S. other wise I'll consider buying
one while I'm here and bringing it home with me.

Reply to the group or by E-Mail.

Thanks in advance.

---
marcum@nance.demon.co.uk

1791. info about opto board for PRO-2006

Newsgroup: rec.radio.scanner
Date: 1995-02-06 06:34:52 UTC
From: fcusack@psu.edu
Message-ID: <fcusack-0602950134520001@jfc117.rh.psu.edu>
Source record: 261646

Could someone post/email info about the opto board available for the pro-2006?

thanks,
Frank

1792. Electrical outlet as antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 07:25:00 UTC
From: kerhop@eskimo.com
Message-ID: <D3KHxp.BMp@eskimo.com>
Source record: 261647

it has already been answered for television cable, so what about hooking up the ground in the house to a scanner's antenna? I'm always seeing little devices that you can plug into the wall that claims to use the electrical wires to pick up television better (as a huge antenna I guess) so could the same be done for scanners?

1793. Re: Cop-talk

Newsgroup: rec.radio.scanner
Date: 1995-02-06 11:56:35 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6248@rook.ukc.ac.uk>
Source record: 261678

In article <3gok3g$ppf@nntp.crl.com> "Victor Healey (ki4je)" <vhealey@crl.com> writes:
>> > What does "IC1" mean when referring to a suspect?
>
>Number one means black perpt around here.

Well I think that on "The Bill", they generally say IC1 when referring
to white people.

I wondered if IC1 means "I see one".

So.......what does the "IC" mean itself?

--
"You do not have to say anything. But it may harm your defence
if you do not mention when questioned something which you later
rely on in court. Anything you do say may be given in evidence.

1794. Re: Scanner software?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 12:01:24 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <792072084snz@javiaton.demon.co.uk>
Source record: 261248
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D3K9rC.8nn@serval.net.wsu.edu>
a0014246@unicorn.it.wsu.edu "mark fuller" writes:

> I've got a trident tr-4500(ar2500 on the display).
> I need to find out about Windows based control software for this scanner.
> Logging would be a plus.
>
I am not sure about Windows but I ScanCat (318-636-1234) certainly
supports the AR2500 and Scan*Star (408-926 5630) may also.

I have not used either but you may find it worth checking out. There
used to be a package called "Gesmundo" or similar but I have not sen it
mentioned for a while.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk (Note missing "i" in Javiation !)
\--/

1795. Where to get RadioMap ?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 12:25:35 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-060295072135@132.226.103.46>
Source record: 261650

I've received several inquiries about where I got my RadioMap.
My source was Bob Parnass. I'm sure once he sees this posting he will post
the necessary details, etc.
Thanks for the interest in the RadioMap ... I don't think you'll be
disappointed in Bob's product.
Happy Scanning....Joe C.

1796. Re: Electrical outlet as antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 13:34:56 UTC
From: dhughes@prairienet.org
Message-ID: <3h58i0$doc@vixen.cso.uiuc.edu>
Source record: 261648

In a previous article, kerhop@eskimo.com (Billy Laughlin) says:

>it has already been answered for television cable, so what about hooking
>up the ground in the house to a scanner's antenna? I'm always seeing
>little devices that you can plug into the wall that claims to use
>the electrical wires to pick up television better (as a huge antenna I
>guess) so could the same be done for scanners?
>
>
It's my understanding the "turn your house wiring into a TV antenna"
gizmos are totally worthless. Anyway, the higher the frequency the
shorter the antenna, so scanning high frequencies requires a short
antenna, and the total length of your house wiring would not be a good
match. An extended longwire antenna is great for the shortwave bands,
but lousy for scanners.
--

1797. Re: aor8000 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1995-02-06 13:57:37 UTC
From: billy@panix.com
Message-ID: <billy-0602950857370001@billy.dialup.access.net>
Source record: 261649

In article <CCARTEE.95Feb5202538@regal.cisco.com>, ccartee@regal.cisco.com (Claude Alan Cartee) wrote:

> In article <D3IrnM.6p0@cix.compulink.co.uk> hcorn@cix.compulink.co.uk ("Hugo Cornwall") writes:
>
> I suppose I could make some cheap remark about the US still being
> deferential to the old colonial power, but I suspect the answer you want
> is as follows:
>
> 1 The UK interface permits direct cloning between two AR8000
> without the need for a PC to hold the data in an intermediate stage
>
> 2 The UK interface is 3-wire only which slows down the transfer
> rate
>
> Could you be more specific about the slowdown? Why is the transfer
> slower? Assumming the PC or the AOR needed to pause transmission,
> does it use the extra wire for flow control?

No, the US interface uses a separate wire for squelch sense. For certain remote control operations, this makes for a faster interface; for other operations, it doesn't matter at all. The AR8000 has a number of commands that tell the radio to do something, and to just notify the control program when something happens (like the radio stops on an in use channel). For these functions, the separate squelch sense wire doesn't buy anything.

Still, having squelch sense on the DTR line is a nice thing, but then again, so is the UK interface...

Bill S

1798. Re: range for pager frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 14:43:40 UTC
From: milcom@netcom.com
Message-ID: <milcomD3L28s.1r1@netcom.com>
Source record: 261652

```
In article <3h0gp7$78k@usenet.INS.CWRU.Edu>, gh598@cleveland.Freenet.Edu says...
>
>
>could someone give me the range for pager freqs. thanks

35mhz,
152.0-152.24, 152.48, 152.84, 157.74, 158.7
454.0-454.5, 462.75-462.95, 929.0-932.0
```

1799. Re: AOR8000 vs MVT-7100

Newsgroup: rec.radio.scanner
Date: 1995-02-06 14:58:47 UTC
From: horak@convex.com
Message-ID: <3h5df7$rg5@eugene.convex.com>
Source record: 261651

In <D3JuEI.LK4@nntpa.cb.att.com> rb@mtsol.mt.att.com (120W40000-R.BANTEL(MT4744)1017MT) writes:

>Compared to the Yupiteru, the one thing I don't like about the AOR
>has to do with esthetics. The Yupi has a more solid feel (I hate
>the loose fitting AOR knobs), a much nicer vinyl case, and more even
>keyboard/display lighting. Of course, the AOR does have more features
>on its side...

I own the Yupi and went to Tucker Electronics to play around with the AR8000. I noticed the loose knobs and the operation of the unit was very hard to understand, initially. One thing I noticed about the AR8000 was that the signal strength bargraph jumped around with the modulation level. On the Yupi, it is solid and accurate.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

1800. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-06 15:04:56 UTC
From: horak@convex.com
Message-ID: <3h5dqo$sbi@eugene.convex.com>
Source record: 261653

In <opp-0302952014450001@line108.worldweb.net> opp@worldweb.net writes:

>I've in advertently :] overheard local cops who carry their own cellulars
>with them making personal phone calls while on duty. In one case, one was
>having phone sex with his girlfriend/mistress. Interesant!

Yeah, one time, here in a "local city" around Dallas VERY close to where I live, :-), one of the cops was on the phone with his partner's wife and she was telling him how boring their sex life was and asked if he would be interested in a discrete affair. He WAS interested. :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

1801. Call for votes: Rec.radio.*.mods

Newsgroup: rec.radio.scanner
Date: 1995-02-06 15:08:09 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1733D8E89S86.WALLY@ukcc.uky.edu>
Source record: 261654
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

For all of us who'd rather not have to swim through all of the mods
from the morons wanting to hear interstellar star energy on their
garage door opener, let's create some newsgroups for them to whine
at each other about modding their AM radios to pick up 1.2GHz and
not being very sensitive..

grumble

Walter _ Alinco 580
R _ // Wally@POP.UKY.EDU Wally@UKCC.UKY.EDU
Francis X/ Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU KE4UWN

1802. Re: Where to get RadioMap ?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 15:37:25 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3L4qF.2G1@nntpa.cb.att.com>
Source record: 261655

In article <casato_jc-060295072135@132.226.103.46>,
Joe Casato <casato_jc@atc.alcoa.com> wrote:

>I've received several inquiries about where I got my RadioMap.
>My source was Bob Parnass. I'm sure once he sees this posting he will post
>the necessary details, etc.
>Thanks for the interest in the RadioMap ... I don't think you'll be
>disappointed in Bob's [service].
>Happy Scanning....Joe C.

Forgive me if you've seen this before. From the rec.radio.scanner
FAQ article:

Over 15% of the FCC licenses, including many fast food
restaurants, contain transmitter latitude and longitude but
specify no transmitter city. To determine the location of
those transmitters requires using the latitude and
longitude information.

As I have already done for dozens of radio enthusiasts and
companies in several states, I will locate FCC licensed and
selected FAA transmitter sites in an area of your choice,
and produce a custom report. To make it easy to locate
transmitters, the report includes a color map marked with
transmitter sites. I call this new innovation RadioMap(TM)
service. It allows you to identify antenna sites
(including paging and cellular phone cell sites) and
visualize the transmitter locations in your neighborhood,
near your office, at an airport, and other places of
interest -- from VLF through microwave.

This is completely different from, and independent of the
Grove Enterprises CDROM. See Feb. 1995 Monitoring Times
page 101, or RadioMap reviews on page 2 Feb. 1995 RCMA
Scanner Journal and page 36 Jan. 1995 AOSC's American
Scannergram.

Ham radio stations are not listed. The RadioMap report
includes frequencies, callsigns, and licensee names. I
will choose the range, depending on transmitter site
density. In rural areas, ranges of up to 8 or more miles
are possible, while ranges of 1/2 to 3 miles produce best
results in urban cities.

I will produce custom RadioMap reports for areas in any of
the 50 states. Send $19.95 for each RadioMap report, your

name, address, and telephone number, along with center
location (nearest intersection of 2 streets, or latitude &
longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL
60543. tel. 708-554-3839 6-10 PM central time.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1803. Re: New law prohibits what?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 15:57:00 UTC
From: David White <baudguy@iac.net>
Message-ID: <3h5gsc$qjo@mississippi.iac.net>
Source record: 261656

I know that scanners recieving cell bands were banned. but how about kits and the like?

1804. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-06 16:16:25 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D3L6JE.CFx@freenet.carleton.ca>
Source record: 261657

In a previous posting, JWW (hiyall@vnet.net) writes:
> Here in Charlotte they seem to have some kind of cell phone that works on
> the police freqs. You can hear them on several freq always the same ones

It's called a phone patch. It was very common before the cell phone showed up. Hams use them, as do a lot of other radio user, such as contractors etc. Here in town the newspaper photogs have a Handheld two-way radio with a phone keypad, so they can make phone calls re: assignments. The system works unless someone forgets to hang-up the repeater! Downside is it is not private! Ya! I know you can monitor cell calls, but it is hard to monitor I cell phone. The phone patches are always the same frequencies, so if you were listening to XYZ on 163.7400 tommorrow you know you would still find them there.

10-4

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

1805. Re: AR8000 interface

Newsgroup: rec.radio.scanner
Date: 1995-02-06 17:09:31 UTC
From: larryp@beeper.charm.net
Message-ID: <3h5ed2$arh@canton.charm.net>
Source record: 261658

```
In article <D3IrnM.6p0@cix.compulink.co.uk>, <hcorn@cix.compulink.co.uk>
writes:
> Newsgroups: rec.radio.scanner
> Path:
news.charm.net!news5.sprintlink.net!news.sprintlink.net!pipex!bnr.co.uk!uknet!c
ix.compulink.co.uk!usenet
> From: hcorn@cix.compulink.co.uk ("Hugo Cornwall")
> Subject: Re: AR8000 interface
> Message-ID: <D3IrnM.6p0@cix.compulink.co.uk>
> Organization: Compulink Information eXchange
> References: <3h0tv7$3ma6@usenetp1.news.prodigy.com>
> Date: Sun, 5 Feb 1995 08:59:45 GMT
> X-News-Software: Ameol
> Lines: 15
>
> JIM NUGW64A@prodigy.com asks:
>
> Is there any DEFERENCE in the interfaces between the UK version and US
> > version ?
>
> I suppose I could make some cheap remark about the US still being
> deferential to the old colonial power, but I suspect the answer you want
> is as follows:
>
> 1 The UK interface permits direct cloning between two AR8000
> without the need for a PC to hold the data in an intermediate stage
>
> 2 The UK interface is 3-wire only which slows down the transfer
> rate

Can the UK. interface be modified for faster data xfer?

Larry Putman WB3ANQ

larryp@beeper.charm.net
```

1806. Pro 2026 Info wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-06 17:12:26 UTC
From: blatch@UPEI.CA
Message-ID: <blatch.4.2F36587A@UPEI.CA>
Source record: 261659

Does anyone have any reccomendations regarding the Radio Shack Pro2026. I am getting tired of swapping speaker, antenna, and power cables on the Pro43 when I take it in the truck. Is the Pro2026 a good mobile unit? Does it have good audio output ? The illustration of the 2026 in the catologue looks similar to the Bearcat 760. Is the 2026 made by Uniden. Also are there any mods for this unit. Any opinions/comments would be appreciated.

Thanks
Gilbert

1807. Mods for 860XLT

Newsgroup: rec.radio.scanner
Date: 1995-02-06 17:28:11 UTC
From: hsattin@nectech.com
Message-ID: <3h5m7b$b8n@cosmos.nectech.com>
Source record: 261662

Are there any mods for the Bearcat 860XLT?

1808. icom interface

Newsgroup: rec.radio.scanner
Date: 1995-02-06 17:41:28 UTC
From: dalex@eskimo.com
Message-ID: <D3LAH5.7J0@eskimo.com>
Source record: 261660

does anyone have available a drawing of the icom interface?
tnc -dave-

1809. Space shuttle?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 17:50:21 UTC
From: smithfc@nameserver.pwfl.com
Message-ID: <1995Feb6.175021.3811@nameserver.pwfl.com>
Source record: 261661

I received some transmissions on 471.3 Sunday morning that sounded
a lot like the shuttle. Can anyone confirm this?

1810. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-06 17:58:46 UTC
From: bear@tigger.cs.colorado.edu
Message-ID: <3h5o0m$4gd@csnews.cs.Colorado.EDU>
Source record: 261663
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <D3Hznx.our@ns1.nodak.edu>,
Allan Puzianowski <puzianow@plains.NoDak.edu> wrote:
>
>If hams continue with
>this elitest attitude then the hobby will die.

No, it will be replaced.

Not every "young novice ham" is a young novice ham. When I went back to graduate school, I thought very hard about directing my research towards communications. From my previous college experience, an *advanced* license would have only required a little add'l study, and that would have been the regulations. I already knew 95% of the technical material in the study guide.

But I looked around the ham groups, and decided there was no way I was going to support such arrogant airheads. This attitude of "I don't care *what* he knows if he can't do morse at 5 wpm" was obscene.

I figure in a few more years the time will be ripe for a bunch of us to approach the FCC and ask for a chunk of the ham spectrum for a new ham service. One where morse code is optional, but just to keep the riff-raff out you'll be required to write a relational database in TI-82 code in 20 minutes. :-)

Seriously, a reasonable question would be to "contrast and compare Limpel-Ziv and Huffman compression techniques."

Considering the qualifications we'll be able to present (MS's and PhD's in EE, CS, communications, etc.) vs the so-called qualifications of the advanced ham communitity, our research focus vs. the public forum for bitching about these no-code licenses, etc., I think there's a good chance the FCC will agree.

>And the commercial
>interests will get the entire spectrum.

Not necessarily. But the "new ham" service will probably be very unfriendly towards the existing ham service because we all have bitter memories about their elitist attitudes.

--
Bear Giles
bear@cs.colorado.edu/fsl.noaa.gov

1811. SouthWest Ontario Freq's Wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-06 18:11:52 UTC
From: sarangan@maxwell.uwaterloo.ca
Message-ID: <D3LBvt.AME@watserv2.uwaterloo.ca>
Source record: 261664

I am a complete novice to scanning. I just bought a PRO-44 scanner from
Radio Shack.

Can anyone give me tips on frequencies to listen to in the Kitchener/Waterloo
area or SouthWestern Ontario ?

Thanks

--
Andrew Sarangan
sarangan@maxwell.uwaterloo.ca

1812. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-06 18:56:53 UTC
From: btomlin@crl.com
Message-ID: <3h5rdl$gdh@crl5.crl.com>
Source record: 261718
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

Bear Giles (bear@tigger.cs.colorado.edu) wrote in alt.2600:
>I figure in a few more years the time will be ripe for a bunch of
>us to approach the FCC and ask for a chunk of the ham spectrum
>for a new ham service. One where morse code is optional, but just
>to keep the riff-raff out you'll be required to write a relational
>database in TI-82 code in 20 minutes. :-)

I think being able to do 5WPM sending ASCII with 8 toggle switches and a pushbutton is a better start. (I did that once back in college when we had to build the sending side of a UART with TTL chips... it freaked out everyone who was watching.) And don't forget the rest of the Hacker Olympics events, like refolding an entire box of fanfold paper!

:) :) :)

1813. Trade Sony 2010 + Startek ATH-15 for Opto Scout

Newsgroup: rec.radio.scanner
Date: 1995-02-06 19:38:17 UTC
From: eskin@btree.brooktree.com
Message-ID: <3h5tr9$3hm@btree.brooktree.com>
Source record: 261500
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

I'd like to trade my as new condition Sony 2010 shortwave receiver and
Startek ATH-15 frequency counter w/one shot option for a new
Optoelectronics Scout.

Anyone interested in a trade?

Please call or email:

Michael Eskin (619) 535-3476

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

1814. Re: Erasing channels

Newsgroup: rec.radio.scanner
Date: 1995-02-06 20:26:16 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Feb6.142616@fnalv.fnal.gov>
Source record: 261668

In article <3h1943$5ls@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) writes:
>
> In a previous article, gregemm@aol.com (GregEmm) says:
>
>>How can I erase stored frequencies from a Uniden Regency scanner.Model No.
>>R4020.Thanks.
>>
> Greg, you might try what works on other Unidens--turn the radio off, hold
> down the 2,9, and Lockout keys and turn the radio back on as you hold
> those keys down.
>

Thanks for the info, but maybe they just wanted to erase one channel and
not blow away the other 99 (or whatever) channels. I just program 123.455
into the channel and then L/O.

RC

1815. Re: Easier Realistic Pro-2032 Cellular Restoration Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-06 20:29:11 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3h60qn$7uc@quartz.ucs.ualberta.ca>
Source record: 261666

Gary Jacek (gjacek@yvr.cyberstore.ca) wrote:

> Easier Realistic Pro-2032 Cellular Restoration Mod:

> Here is an easier variation of the mod that was published in the June 1994
> issue of Monitoring Times. Many thanks to Asism (kuehn@cc.bellcore.com)
> for suggesting I try this method, which does not require a trip to the parts
> store or micro-surgical skills.

Have you made this modification to a Pro-2032, Gary? Is it electrically identical to the mod given in Monitoring Times? If not, are there any differences in performance relative to the MT mod?

I just want to be sure this mod works and does not affect performance outside of the cellular band since cutting circuit traces is not easily reversible (or would a drop of solder on top of the cut trace repair the connection?).

1816. Bearcat 200 XLT susceptible to interference

Newsgroup: rec.radio.scanner
Date: 1995-02-06 20:32:39 UTC
From: jdjustin@netcom.com
Message-ID: <jdjustinD3LIEG.CFD@netcom.com>
Source record: 261667

I am wondering whether those using the BC 200 XLT have noted greater interference with that unit than with other scanners. I have noted a great deal more interference with this unit than I did with my old 16 channel programable Bearcat scanner. This interference is most pronounced in the 480 Mhz range. I do live in Southern California which is particularly RF crowded.

In addition, I would like to attach my scanner to an external antenna. Whenever I have attempted this with my 200 XLT it becomes overloaded with garbage. I am wondering whether anyone can share with me successful scanner/antenna combinations.

Thanks,

Justin

KC6NTA
jdjustin@netcom.com

1817. Re: Electrical outlet as antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 20:38:53 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Feb6.143853@fnalv.fnal.gov>
Source record: 261669

> In a previous article, kerhop@eskimo.com (Billy Laughlin) says:
>
>>it has already been answered for television cable, so what about hooking
>>up the ground in the house to a scanner's antenna? I'm always seeing
>>little devices that you can plug into the wall that claims to use
>>the electrical wires to pick up television better (as a huge antenna I
>>guess) so could the same be done for scanners?
>>

You'd be better off with a coat hanger, they're not as long.

RC

1818. Re: San Diego, Ca

Newsgroup: rec.radio.scanner
Date: 1995-02-06 20:52:25 UTC
From: mmunster@qualcomm.com
Message-ID: <mmunster-0602951252250001@mmunster-mac.qualcomm.com>
Source record: 261670

In article <b486002@pro-amber.cts.com>, rsopicki@pro-amber.cts.com (Randy Sopicki) wrote:

> I'm new to scanning. What are some busy freqs to listen in on in the San
> Diego area? Please someone help me out. I have one busy freq. 159.045 keeps
> my ears perked up. Can someone suggest any others?
>
>

> ProLine: rsopicki@pro-amber | System Administrator
> Internet: rsopicki@pro-amber.cts.com | Pro-Amber
> UUCP: crash!pro-amber!rsopicki | 619-460-9762
> |
>

Go to Ham Radio Outlet in Kerney Mesa and pick up a copy of ScanFan for San Diego. It lists all of the frequencies you would ever want to know for this area.
Marvin.

--
Marvin Munster
mmunster@qualcomm.com

1819. Re: Pro 2026 Info wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-06 21:28:57 UTC
From: apiis@aol.com
Message-ID: <3h64ap$j2r@newsbf02.news.aol.com>
Source record: 261673

I have a PRO-43 & PRO-2026 also. I had my PRO-43 first and got tired of moving it in and out of the car. I bought my PRO-2026 on sale for $149, at that price it is a pretty good scanner. The only modification I have found for it is the celluar unblocking. This modification can be ftp-ed from oak.oakland.edu in their pub/ham.radio/mod/tandy area. I have been pleased with it so far.

1820. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-06 21:35:34 UTC
From: John M Pinkerton <jpinkert@sigg.com>
Message-ID: <D3LFzz.6JK@firewall.sigg.com>
Source record: 261671

Some areas use cellular phones within the cars and they are subject to scanner reception. Other departments don't even allow you to bring your own celluar phone while on duty.
I personally use a cellular phone, but I have selected a DIGITAL phone for security.

Path: news.sigg.com!uunet!satisfied.elf.com!news2.near.net!news.delphi.com!usenet
From: orkin <orkin@delphi.com>
Newsgroups: rec.radio.scanner
Subject: POLICE TELEPHONE
Date: Wed, 1 Feb 95 19:02:23 -0500
Organization: Delphi (info@delphi.com email, 800-695-4005 voice)
Lines: 8
Message-ID: <x214if-.orkin@delphi.com>
NNTP-Posting-Host: bos1a.delphi.com

Does anyone know if the polce use cellar,landline or other telephone service, when they are ask to call by phone. example:

" this is 345 can you please call me at the station car 16?"

I hear stuff like that all the time and was wondering if they run to a pay phone or a cellur or other phone system.

1821. where to buy BCT-7?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 21:40:34 UTC
From: helme@pinhead.genmagic.com
Message-ID: <3h650i$6h8@cnn.genmagic.com>
Source record: 261672

does anyone know of a good price & dealer for the Uniden BCT-7?

Thanks.

1822. Re: ar8000 cellular...

Newsgroup: rec.radio.scanner
Date: 1995-02-06 22:28:42 UTC
From: guyever@aol.com
Message-ID: <3h67qq$jot@newsbf02.news.aol.com>
Source record: 261674

>lets try this again......if you are interested in learning about a hidden
>asset in the ar8000, email me for info...

Ok, I'm interested. Please let me know what's going on.
Thanks,
Guy KC4NQU

1823. Disney World Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 22:39:41 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Feb6.163941.7301@driftwood.cray.com>
Source record: 261679

Would someone be so kind as to send or post a current Disney World
(not Disney Land) frequency list?

Thanks in Advance!

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

1824. 855 Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-06 22:47:21 UTC
From: krstohr@csupomona.edu
Message-ID: <1995Feb6.144721@clstac>
Source record: 261675

I successfully modified my BC 855XLT. It now gets 100 channels
instead of 50, and continuous coverage of 800mhz. The only problem
is that it doesn't seem to step the right increments for cellular. I
wonder if there is a solution?
--
Kenj
KRStohr@CSUPomona.edu

The only way to eliminate nuclear weapons is to use them.

1825. Re: Television cabel output for Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-06 23:24:49 UTC
From: hiyall@vnet.net
Message-ID: <3h6b41$vk@ralph.vnet.net>
Source record: 261676

spider20@delphi.com wrote:
: <chicken@imap1.asu.edu> writes:
:
: >Hey I was wondering what type of reception I would obtain by installing
: >my cable wire into my scanner. I mean, he helps bring out FM radio
:

Makes me wonder how about a outside TV antenna? Would this work? would
it be directional? What would be the freq range?

1826. Pro-2006 Info for newbie

Newsgroup: rec.radio.scanner
Date: 1995-02-06 23:31:49 UTC
From: dhill@apple.com
Message-ID: <dhill-0602951531540001@machill.support.apple.com>
Source record: 261677

Is there a list of Pro-2006 mods on the net anywhere? What about a
Pro-2006 FAQ? Have just gotten into scanning, and want to get up to speed
quickly, so....
What about a list of San Jose freqs?

--
If we love wealth better than liberty, the tranquility of servitude better than the animating contest of Freedom, go home from us in peace. We ask not your counsels or your arms. Crouch down and lick the hands which feed you. May your chains set lightly upon you and may posterity forget that ye were our Countrymen
-------Samual Adams-------
(No, not the beer guy, you idiot)

1827. Looking for Bismarck, N.D. freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-06 23:58:46 UTC
From: mundahl@plains.NoDak.edu
Message-ID: <D3Lrxy.rsL@ns1.nodak.edu>
Source record: 261694

[No readable article body recovered]

1828. Re: DTMF decoding via s-blaster

Newsgroup: rec.radio.scanner
Date: 1995-02-07 01:58:02 UTC
From: shima@freeside.cen.ufl.edu
Message-ID: <3h6k3a$ds1@huron.eel.ufl.edu>
Source record: 261680

Try oak.oakland.edu in dir /pub/msdos/sound/dtmf_rtd.zip
Works well with any sampling rate below 8kHz..
Decodes numbers to a log file and also monitors for
activity .

Jim
shima@eel.ufl.edu

1829. PRO-39

Newsgroup: rec.radio.scanner
Date: 1995-02-07 02:07:48 UTC
From: afn16368@usenet.freenet.ufl.edu
Message-ID: <3h6klk$115a@freenet3.freenet.ufl.edu>
Source record: 261682

: To anyone--
: I own a Radio Shack (not Realistic) PRO-39. FCC-ID=AA020-303, Serial
: Number=C000865. CoverS: 30-54,108-136,137-174,380,512,806-823,851-868,
: and 897-960MHz. There has GOT to be a way to change that. I know
there have been previous things posted on it; please re-post them for me
if you don't mind. If it is a mod, please, make sure it is complete. If
it is a keypad-combination-trick, by all means send it!! Thanks! ;)

--

1830. BearCat 9000 (Whats the scoop?)

Newsgroup: rec.radio.scanner
Date: 1995-02-07 02:11:24 UTC
From: mcias@aol.com
Message-ID: <3h6ksc$mpq@newsbf02.news.aol.com>
Source record: 261681

I'm looking for all the info....Best street price....Mods if any....and
the low down on if they are up to spec on there reception...
Thanks

McIAS@AOL.COM

1831. Re: SouthWest Ontario Freq's Wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-07 02:17:04 UTC
From: "j.c. stewart" <stewartj@julian.uwo.ca>
Message-ID: <9502070216.AA01726@julian.uwo.ca>
Source record: 261683

Greetings sir, I've dug up a few frequencies for you to try in the K/W area:

Waterloo Regional Police: 142.185 - Waterloo
142.815 - Kitchener
142.620 - Cambridge

Waterloo/Kitchener FD: 154.650
152.915
154.010
154.070

I hope this helps! I've listened to the police while in London on the
odd skip occasion and I can confirm the first two frequencies. Enjoy!

1832. Re: Toronto scanner net?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 02:43:35 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3h6mon$ng5@roch0.eznet.net>
Source record: 261684

Jesse.Michaels@odxabbs.tor250.org (Jesse Michaels) wrote:
>
> Hi all.
>
> Does anyone out there know of a ham net for scanning in the greater
> Toronto area? Any vhf, uhf or hf freqs would be appreciated. An email
> reply would be appreciated. You can email me at jmichael@uoguelph.ca

We're not specific to Ontario Province, but Canadian hams are
welcome to join the Western NY Shortwave & Scanner Listeners' Net on
Mondays at 20:00 ET on 53.33, 146.925, 224.58, 442.8, 442.9 and 444.7 MHz.

1833. Re: Bearcat 200 XLT susceptible to interference

Newsgroup: rec.radio.scanner
Date: 1995-02-07 02:51:33 UTC
From: eric172@aol.com
Message-ID: <3h6n7l$nbf@newsbf02.news.aol.com>
Source record: 261686

In a privious message, jdjustin@netcom.com wrote...

> I am wondering whether those using the BC 200 XLT have noted greater
> interference with that unit than with other scanners. I have noted
> a great deal more interference with this unit than I did with my old
> 16 channel programable Bearcat scanner. This interference is most
> pronounced in the 480 Mhz range.

I have had the same problems with my 200xlt, especially in the VHF-high area (my local PD is located at 155.700). Since I live near a small airport, I frequently hear an image of the local tower and planes taking off and landing which, as you might imagine, gets rather annoying. My old Radio Shack Pro-43 never had this problem.

1834. Re: Need basic explanation on ctcss & dtmf

Newsgroup: rec.radio.scanner
Date: 1995-02-07 03:09:41 UTC
From: levisj@moon.pr.erau.edu
Message-ID: <3h6o9l$edr@news.pr.erau.edu>
Source record: 261685

Michael Fink (habu@gate.net) wrote:
: Could someone please explain these two terms to me I am
: looking at a M-400 decoder and was wondering how these
: decoding standards work.

CTCSS stands for Continuous Tone Coded Squelch System
Basically there is a sub audible tone transmitted simultaniously with the voice transmission. The receiver will pass transmissions that have this tone only.

DTMF stands for Dual Tone Multi-Frequency.
It is basically touch-tone telephone tones. These would be transmitted in order to open up a reciever at the beginning of a transmission. Also used to control remote equipment(repeaters etc...).

Jeffrey Levis
KB7QYC
levisj@pr.erau.edu

1835. Does the ramsey 800mhz converter work?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 03:14:47 UTC
From: ah157@cleveland.Freenet.Edu
Message-ID: <3h6oj8$dfg@usenet.INS.CWRU.Edu>
Source record: 261687

I was going to buy the scanner converter by ramsey.
What does it do? Does it give 800-900 mhz complete coverage?
How does it work, very well?
Dows it sound good?
Please reply via email if possible.,
Thanks
Rob

1836. HAM*INFO*LINK*SOURCE BBS

Newsgroup: rec.radio.scanner
Date: 1995-02-07 03:24:47 UTC
From: kb6axk@netcom.com
Message-ID: <kb6axkD3M1HB.L9v@netcom.com>
Source record: 261688

HELLO FELLOW HAMS:and FUTURE HAMS !!!!!!!

re: NEW HAM BBS dedicated to amateur radio !!!!

There is a NEW DEVOTED AMATEUR RADIO BBS in town ,from your
ARRL/LAX affiliated club coordinator , JOE CIRA , KB6AXK ....
Everything and anything about AMATEUR RADIO will be found here,
IF NOT ? Let me know and we will post it and file it !!!!!!!!

HAM*INFO*LINK*SOURCE BBS at 1-818-584-1952....
24 hrs,8-n-1,anyspeed.......
running 486/66 with 2.1 gig of space !!!
cd/rom's soon and tnc/modem door soon !!
qsl route database,clubs,newsletters,bulletins and more....
VEC/VE exam & class list for all So.Cal.
sample exam tests and answers for all class's..
ARRL mirror of all there files !
Using Wildcat v4.01 software..
easy to log in and no FEE's it's FREE !

73's & 88's de kb6axk,joe cira,ARRL/LAX/ACC.
INTERNET E-MAIL ADDRESS:> kb6axk@netcom.com

/EX
EOF

xx
--
US AMATEUR RADIO |sysop of the HAM*INFO*LINK*SOURCE BBS|
KB6AXK | at 1-818-584-1952,joe cira |
PASADENA,CAL,91107| kb6axk@netcom.com |

1837. Detroit MI frequencies wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-07 03:51:51 UTC
From: QQAC93A@prodigy.com
Message-ID: <3h6qon$9pg@usenetw1.news.prodigy.com>
Source record: 261689

I am looking for interesting frequencies in the Detroit MI area.
-
JAMES DRAKOS Drakos@ix.netcom.com

1838. GP-300: I have the model

Newsgroup: rec.radio.scanner
Date: 1995-02-07 04:37:00 UTC
From: terry.vansickle@woodybbs.com
Message-ID: <93.3323.7592.0NFB920A@woodybbs.com>
Source record: 261615

The gp-300 is a UHF 4 Watt radio. The P94ypc is the clue,if it were a P93XXX
it would be VHF. The radio comes in several ranges and the rest of the number
gives you that info. However I don't have that but if my memory is correct
that model should be the 465-495 range. The other ranges are
403-433,438-470,and 490-520. Hope that helps some,good luck...Terry
--- FMail 0.98
Origin: ab5sm2netcom.com (73:6101/0)
GPTH: 6101/0 200/
GATE: 1:275/17 2ee45c10 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

1839. Re: SouthWest Ontario Freq's Wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-07 05:59:02 UTC
From: bl058@FreeNet.Carleton.CA
Message-ID: <D3M8ME.DzK@freenet.carleton.ca>
Source record: 261691

In a previous posting, Andrew Sarangan (sarangan@maxwell.uwaterloo.ca) writes:
> I am a complete novice to scanning. I just bought a PRO-44 scanner from
> Radio Shack.
>
> Can anyone give me tips on frequencies to listen to in the Kitchener/Waterloo
> area or SouthWestern Ontario ?
>

Get the Haruteq Scanner Book, a complete listing of frequencies in
Ontario, available at Radio Shack and some chain book stores. Much of the
same info is also contained in a database program called Scantrix. Check
the Ham/Scanner file areas on your local BBS, or get it from the ODXA
Listening Post BBS, at 905-841-6490.
--
Dan Stark
Internet: dstark@freenet.niagara.com
Fidonet: 1:247/128
St. Catharines, Ontario, Canada

1840. I tried the Pro-46 mod

Newsgroup: rec.radio.scanner
Date: 1995-02-07 06:01:39 UTC
From: Mikek@world.std.com
Message-ID: <D3M8qr.5s0@world.std.com>
Source record: 261690

I nabbed the Pro-46 mod from oak.oakland.edu. It seemed to be kind of old, having been written in 1993. My scanner is pretty new, and has a date code of 5A4.

The mod seems to have failed. But at least my scanner seems to work OK. It was pretty hair-raising to be fucking with my radio like this, but overall it went pretty smooth. Despite not working.

Iwonder if anyone knows if the mod is good on my scanner. The keypad mod (2+9+L/out and power up) doesn't work, either.

One thing I noticed about the diagram in the mod file:

The pad indicated for placement of the jumper has a blue wire leading out of it and up to a small bank of wires placed just above the CPU. The mod diagram doesn't refer to the wire at all. Did I read the diagram wrong or has the radio changed since then or is the diagram just missing areferenc to the wire? Right now, the jumper goes from the pad with the wire , over one trace to it's left, and is mounted on the next pad over. If you've tried it, you know what I mean.

Anyone have a clue about this?

Oh, and what exactly does the little board labelled 800 Mhz unit do?

Thanks,

Mikek

1841. Re: 800Mhz for US AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-07 06:27:07 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD3M9x7.2H8@netcom.com>
Source record: 261423
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D3FvAJ.FEH@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>I have been reading on CompuServe this is true -
>
>Anyone who buys a UK AR8000 and UK interface (from what I read) can upgrade
>the US model to international standards and capability (read that as CELL MOD)

Have you, yourself, seen this done? Not everything you read on Compu$erve
is true...

Please cite some other, independent, source for this information. If this
is like your other posts recently, I doubt you'll be able to...

1842. What is a CTCSS tone decoder board?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 07:26:24 UTC
From: tzz@po.cwru.edu
Message-ID: <tzz-0702950226240001@b63621.student.cwru.edu>
Source record: 261692

Hi,
What is a CTCSS tone decoder board? What does it do? Is it worth
it? I noticed it has to do with a mod for a BC 760XLT. Curious.

Tom
tzz@po.cwru.edu

1843. Re: Bearcat 200 XLT susceptible to interference

Newsgroup: rec.radio.scanner
Date: 1995-02-07 08:00:25 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.314.039917AD@mail.mei.com>
Source record: 261706

In article <3h7sv3$ou5@vixen.cso.uiuc.edu> dhughes@prairienet.org (Dan Hughes) writes:

>>I have had the same problems with my 200xlt, especially in the VHF-high
>My old Radio Shack Pro-43 never had this problem.
>>
>>
>But remember, the triple-conversion Pro-43 retails at nearly double the
>price of the 200XLT. Why'd you dump the Pro-43?

You can now get the triple conversion PRO-62 at Radio Shack for $219.00.
A far better scanner than the 200xlt, RF-wise. The 200xlt is better
mechanically, however. (I realize the PRO-62 will not get cellular.)

P A R A D I S E * *
TAR & ASPHALT * * * *
* *)
__ *) (
|| _____ || kevin.jessup@mail.mei.com (
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_\/ _-- ___ ****__________****_____________________________________
"Paving paradise and putting up parking lots."

1844. help

Newsgroup: rec.radio.scanner
Date: 1995-02-07 08:13:53 UTC
From: opie@kuentos.guam.net
Message-ID: <1995Feb07.081353.17736@kuentos.guam.net>
Source record: 261693

Im trying to get freqs for the island of guam. Police, med, mimitary etc.

opie@kuentos.guam.net

1845. Re: Easier Realistic Pro-2032 Cellular Restoration Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-07 09:11:39 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.792148299.377401575.gjacek@yvr.cyberstore.ca>
Source record: 261695

> Kevin (kwong@ee.ualberta.ca) wrote:
>
> > Easier Realistic Pro-2032 Cellular Restoration Mod:
>
> Have you made this modification to a Pro-2032, Gary? Is it electrically
> identical to the mod given in Monitoring Times? If not, are there any
> differences in performance relative to the MT mod?
>
> I just want to be sure this mod works and does not affect performance outside
> of the cellular band since cutting circuit traces is not easily reversible
> (or would a drop of solder on top of the cut trace repair the connection?).

I have performed the revised mod on exactly one Pro2032.
It has been running for several days now without mishap. I did
NOT run out and purchase a second Pro2032 in order to perform
double-blind regression tests of the old versus new mod.

I did however, weigh the risk of wading into the board with my
trusty iron, possibly heat-damaging a component or having that
new over-sized diode short out against the heat shield.
(Insulating tape always comes unstuck eventually)

My risk/benefit analysis said to go with the mod that I posted.
The trace to be cut goes only to the diode that is removed in the
original mod. Therefore, if you ultimately find that it produces
unsatisfactory performance, you have two fallback plans:

1. perform the mod as published in Monitoring Times
(yank the old diode and solder in the new diode)

OR

2. re-connect the trace using a drop of solder or
a short piece of some other conductor.

So there you have it, a 'tested' mod with two fallback plans.
<standard disclaimer applies>

Now if I could just figure out how to get this Pro2032 to
pick up cosmic radiation...Ooops, wrong news group. :-()

1846. Re: Call for votes: Rec.radio.*.mods

Newsgroup: rec.radio.scanner
Date: 1995-02-07 09:32:42 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.792149562.662824084.gjacek@yvr.cyberstore.ca>
Source record: 261696

I think Wally may be trolling, but hey...I'll bite!

It's refreshing to find a group of people helping each other
to overcome the repressive US scanner law. Ultimately, RS and other
manufacturers will get their bugs ironed out and cellular
mods will not be feasible. Too bad. Then Wally will be able to enjoy
a better S/N ratio.

One man's signal is another man's noise. (sorry ladies)

>Grumbling Wally writes:

> For all of us who'd rather not have to swim through all of the mods
> from the morons wanting to hear interstellar star energy...

1847. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-07 11:53:51 UTC
From: simon@terri.enet.dec.com
Message-ID: <1995Feb7.115351.23614@janix.mfr.dec.com>
Source record: 261711
Cross-posted to: alt.config,alt.radio.scanner,uk.misc,rec.radio.scanner

RE alt.radio.scanner.uk

I vote for this one.

Whilst alt.radio.scanner and rec.radio.scanner are both very interesting
I feel a .uk would be advantagious to us in the UK.

Simon

1848. Freqs. for Motorola GP-300 radios?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 12:18:58 UTC
From: chris.o'hearn@doghous.com
Message-ID: <307.218.477@doghous.com>
Source record: 261578

: I have been trying to determine what frequencies are being used by
: security in my office building. I asked a security person today and
: she replied that she didn't know the frequencies but that she
: sometimes hears transmissions from the building across the street.

: The radio she was using was a Motorola GP-300. It had about a 6"
: antenna that was 1/2" thick.

: Does anyone know what frequencies are used by this model unit?

First, hello from a fellow listener in La Crosse, WI, here's what I
could find for you:

The Motorola Radius Line (Inc. GP Series) covers the following bands:

VHF 136-162
VHF 146-174
UHF 403-433
UHF 438-470
UHF 465-495
UHF 490-520

The 300's are usually 8 channels, VHF 5 watts, UHF 4, so it is very
likely that she would hear things from across the street, perhaps even
across the city, and hearing other users would sound like perhaps a
community repeater. Have you checked into the size of the security
company (i.e. do they operate in just your building, or are they all
over the city/state).

The antennas sound like the 136-162 band, while this covers anything
from HAM to Govt, the business bands would be your best bet (about
150-154)
Another thing that I could suggest to narrow down the search, is to
find a friendly security person who would let you open up their radio.
The clips are on the side, flip them so the little orange spot is
showing, then take the battery pack out, and the list of frequencies
should be listed. These aren't always accurate, but should get you
where you're going. (The units run about $750 so be careful!). The
other thing you could do is check with your local Rat Shack, and see if
they have any lists (beware, the list here had a lot of errors) that they
would let you have a copy of, or maybe their latest attempt at a freq.
book (Beyond Police Call) would have what you're looking for, if the
security company is big enough. Good luck with your hunting, sorry I
couldn't be of more help, but maybe this will give you a lead in your
search.

Happy Scanning,
-Chris
[Team OS/2]

~~~ Blue Wave/RA v2.12 OS/2 [NR]

InterNet: chris.o'hearn@doghous.com (Chris O'Hearn)
The Dog's House BBS / La Crosse WI \ 608.788.9657 & 608.788.9659

~~~

1849. Re: BearCat 9000 (Whats the scoop?)

Newsgroup: rec.radio.scanner
Date: 1995-02-07 13:02:24 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3Ms80.ADr@nntpa.cb.att.com>
Source record: 261704
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3h6ksc$mpq@newsbf02.news.aol.com>,
McIAS <mcias@aol.com> wrote:

>I'm looking for all the info....Best street price....Mods if any....and
>the low down on if they are up to spec on there reception...

If all goes well, the March 1995 (next) issue of Monitoring Times
will contain a detailed review of the BC9000XLT.

Tom Swisher reviewed the BC9000XLT in the latest NatScan.

Sorry, I don't know about street prices.

I bought the new portable BC-3000XLT from The Ham Station (Evansville,
IN) which seemed to have the lowest price. I don't know if they
have any BC9000XLTs yet, but the phone number is 800-729-4373.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1850. Re: Bearcat 200 XLT susceptible to interference

Newsgroup: rec.radio.scanner
Date: 1995-02-07 13:35:31 UTC
From: dhughes@prairienet.org
Message-ID: <3h7sv3$ou5@vixen.cso.uiuc.edu>
Source record: 261705

>I have had the same problems with my 200xlt, especially in the VHF-high
My old Radio Shack Pro-43 never had this problem.
>
>
But remember, the triple-conversion Pro-43 retails at nearly double the
price of the 200XLT. Why'd you dump the Pro-43?
--

1851. Re: Bearcat Computer Controlled Scanning?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 13:41:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.125.000DB0F2@ccm.hf.intel.com>
Source record: 261525

In article <3gs6j9$c8e@newsbf02.news.aol.com> mcias@aol.com (McIAS) writes:

>Hi, Is there any one out there that could explain to me why bearcat has
>come up with a computer controlled Scanner yet? Does anyone know if a side
>vendor may have this as a retrofit? I would really be interested .
>

They did a long time ago. The MR-8100 mobile scanner had a computer interface.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1852. test message, dont read

Newsgroup: rec.radio.scanner
Date: 1995-02-07 14:29:43 UTC
From: jocatch@vnet.ibm.com
Message-ID: <3h804nINNe1p@afshub.boulder.ibm.com>
Source record: 261609

```
test message. i bet this won't get thru.
```

1853. Are all 2006 Mod'able?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 14:37:40 UTC
From: amike@maniac.med.miami.edu
Message-ID: <3h80jk$d0n@miasun.med.miami.edu>
Source record: 261709

Are all Pro-2006 modifiable or is there a date code
check?

Mike A.
amike@maniac.med.miami.edu

1854. phila.scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-07 14:45:25 UTC
From: Bill Merrell <wmerrell@grape.epix.net>
Message-ID: <Pine.SUN.3.91.950207094135.22485A-100000@grape.epix.net>
Source record: 261707

Does anyone know if there is a news group phila.scanner??
If so is it in the rec. or alt. news group?
Thanks

Bill

1855. Re: SouthWest Ontario Freq's Wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-07 14:51:48 UTC
From: 5609946@sscl.uwo.ca
Message-ID: <5609946.88.0009E25E@sscl.uwo.ca>
Source record: 261708

In article <D3LBvt.AME@watserv2.uwaterloo.ca> sarangan@maxwell.uwaterloo.ca (Andrew Sarangan) writes:
>From: sarangan@maxwell.uwaterloo.ca (Andrew Sarangan)
>Subject: SouthWest Ontario Freq's Wanted
>Date: Mon, 6 Feb 1995 18:11:52 GMT

>I am a complete novice to scanning. I just bought a PRO-44 scanner from
>Radio Shack.

>Can anyone give me tips on frequencies to listen to in the Kitchener/Waterloo
>area or SouthWestern Ontario ?

Hello from London!

I have a ton of listings at home that I'll try and dig up. I'm sure that a
lot of them should be for the K-W area.

1856. Poughkeepsie, NY freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-07 14:55:53 UTC
From: jocatch@vnet.ibm.com
Message-ID: <3h81lpINNe5q@afshub.boulder.ibm.com>
Source record: 261611

I have database of about 1000 freqs. Not all of them are Poughkeepsie (some are nation wide). The problem is I can't answer any requests at work and I do no know how to send them via EMAIL via my Compuserve account. If anyone knows how, let me know. My Compuserve internet ID is 71161.2442 @ compuserve.com. BTW, the Poughkeepsie police, highway and a couple of others have gone to 800 trunk. My list has those freqs. If interested in those freqs, send me a note to the Compuserve ID above.

Joe Cacciatore

1857. Best MOBILE triple conversion scanner??

Newsgroup: rec.radio.scanner
Date: 1995-02-07 15:29:54 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.319.05329530@mail.mei.com>
Source record: 261526

I looked at the new Uniden mobiles (the 350 and the 700)
at Amateur Electronic Supply here in Milwaukee over
noon hour today. Not that great. Many images and
birdies.

The new Radio Shack base/mobiles seem to perform better
but are too big and oxy for a car.

So what's a good mobile unit that isn't the size of
a concrete block and has triple conversion?

```
P A R A D I S E * *
TAR & ASPHALT * * * *
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|| _____ || kevin.jessup@mail.mei.com (
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"Paving paradise and putting up parking lots."
```

1858. Re: Ah ha There Is An AR8000 Secret!

Newsgroup: rec.radio.scanner
Date: 1995-02-07 15:53:12 UTC
From: simon@terri.enet.dec.com
Message-ID: <1995Feb7.155312.5338@janix.mfr.dec.com>
Source record: 261714
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Vic,

Your such a tease...

Keep up the good work with the home page. The more I read about it the more I want one.

Simon

1859. Re:WANTED:Rhode Island Freq.(Long)

Newsgroup: rec.radio.scanner
Date: 1995-02-07 15:56:26 UTC
From: jsaul@np.atinc.com
Message-ID: <199502071553.JAA08407@mail.cs.utexas.edu>
Source record: 261710

```
RHODE ISLAND (Last Update: 1/1/95)

BARRINGTON
153.9500 FIRE(REGIONAL) LOCAL OPS
155.4900 POLICE LOCAL OPS
154.9800 LOCAL GOVT HIGHWAY MAINT
BLOCK ISLAND
154.2050 FIRE LOCAL OPS
33.6000 FIRE ??
156.0150 POLICE NEW
158.7900 POLICE LOCAL OPS
158.7450 LOCAL GOVT HIGHWAY MAINT ??
BRISTOL
154.1450 FIRE LOCAL OPS
159.4500 FIRE FIREGROUND
155.1300 POLICE LOCAL OPS
453.2000 POLICE DETECTIVES
155.8050 LOCAL GOVT HIGHWAY MAINT
BURRILLVILLE
154.1900 FIRE LOCAL OPS
154.2200 FIRE FIREGROUND
154.3250 FIRE FIREGROUND
155.5650 POLICE FUTURE OPS
154.7250 POLICE TACTICAL
151.0400 LOCAL GOVT HIGHWAY MAINT
155.8050 LOCAL GOVT ??
CENTRAL FALLS
154.4150 FIRE LOCAL OPS
156.2100 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
155.7600 LOCAL GOVT HWY MAINT/DETECTIVES
CHARLESTOWN
46.4200 FIRE S. KINGSTON TIE
460.6250 FIRE ASHAWAY DISPATCH
154.6500 POLICE LOCAL OPS
158.9250 LOCAL GOVT REC DEPT
156.1650 LOCAL GOVT HIGHWAY MAINT
COVENTRY
45.2000 FIRE CH-1
45.4800 FIRE CH-2
46.4000 FIRE FIREGROUND
45.1400 FIRE/POLICE ARSON SQUAD
154.7250 POLICE LOCAL OPS
155.6250 POLICE E. GREENWICH TIE
```

460.0125 POLICE POINT TO POINT CNTRL
465.0125 POLICE POINT TO POINT CNTRL
45.7200 LOCAL GOVT HIGHWAY MAINT
CRANSTON
460.6000 FIRE ANNOUNCE CHANNEL
154.0100 FIRE LOCAL OPS
159.4650 FIRE FIREGROUND
482.4125 POLICE LOCAL OPS
482.4625 POLICE CAR TO CAR
482.5625 POLICE DETECTIVES
154.0850 LOCAL GOVT SCHOOL DEPT
158.8200 LOCAL GOVT HIGHWAY MAINT
453.7750 LOCAL GOVT HOUSING AUTHORITY
159.1350 LOCAL GOVT HIGHWAY MAINT
CUMBERLAND
154.2050 FIRE LOCAL OPS
154.5800 FIRE FIREGROUND
155.4300 POLICE LOCAL OPS
155.6550 POLICE WOONSOCKET TIE
482.3875 POLICE FUTURE USE
484.7375 POLICE FUTURE USE
151.1300 LOCAL GOVT HIGHWAY MAINT
154.5700 LOCAL GOVT SCHOOL DEPT
EAST GREENWICH
151.4750 FIRE LOCAL OPS
151.1900 FIRE CH-2
155.6250 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE
155.0850 LOCAL GOVT HIGHWAY MAINT
EAST PROVIDENCE
154.0700 FIRE LOCAL OPS
153.8450 FIRE FIREGROUND
154.7700 POLICE LOCAL OPS
155.0100 POLICE SEEKONK TIE
153.8000 LOCAL GOVT HIGHWAY MAINT
EXETER
46.4600 FIRE LOCAL OPS
460.5875 FIRE VEHICULAR REPEATER
465.5875 FIRE VEHICULAR REPEATER
155.5800 POLICE LOCAL OPS
159.0750 LOCAL GOVT HIGHWAY MAINT
FOSTER
154.1900 FIRE NORTHERN FIRE LEAGUE
155.5350 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE
GLOCESTER
154.1900 FIRE NORTHERN FIRE LEAGUE
154.2950 FIRE FIREGROUND
156.0900 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE

HOPKINGTON
46.5000 FIRE LOCAL OPS
154.8000 POLICE LOCAL OPS
37.9000 LOCAL GOVT HIGHWAY MAINT
JAMESTOWN
153.9500 FIRE EAST BAY FIRE LEAGUE
155.0700 POLICE LOCAL OPS
155.5800 POLICE N. KINGSTOWN TIE
45.6800 LOCAL GOVT HIGHWAY MAINT
JOHNSTON
154.1750 FIRE LOCAL OPS
155.5350 POLICE LOCAL OPS
155.7000 POLICE DETECTIVES
154.7250 POLICE COVENTRY TIE
151.0400 LOCAL GOVT HIGHWAY MAINT
KINGSTON
46.3800 FIRE CENTRAL FIRE LEAGUE
46.3400 FIRE FIREGROUND
46.2600 FIRE NARRAGANSETT TIE
LINCOLN
154.1600 FIRE LOCAL OPS
151.2650 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
156.0600 LOCAL GOVT HIGHWAY MAINT
LITTLE COMPTON
46.0600 FIRE NEWPORT COUNTY LEAGUE
155.4150 POLICE LOCAL OPS
MIDDLETOWN
46.1000 FIRE LOCAL OPS
155.7900 POLICE LOCAL OPS
155.9700 POLICE DETECTIVES
151.1150 LOCAL GOVT HIGHWAY MAINT
NARRAGANSETT
453.1000 FIRE LOCAL OPS
46.4200 FIRE S. KINGSTOWN TIE
46.0400 EMERGENCY AMBULANCE-RESCUE
154.8750 POLICE LOCAL OPS
156.1800 LOCAL GOVT HIGHWAY MAINT
NEWPORT
46.4800 FIRE LOCAL OPS
154.2200 FIRE FIREGROUND
154.4000 FIRE FIREGROUND
155.7300 POLICE LOCAL OPS
154.7550 POLICE SECONDARY
158.7600 LOCAL GOVT PUBLIC WORKS
453.8875 LOCAL GOVT ??
453.3250 LOCAL GOVT HOUSING AUTHORITY
NORTH KINGSTOWN
154.2350 FIRE LOCAL OPS
46.4200 FIRE S. KINGSTOWN TIE

155.5800 POLICE LOCAL OPS
154.9500 POLICE ??
155.8200 LOCAL GOVT HIGHWAY MAINT
NORTH PROVIDENCE
154.2500 FIRE LOCAL OPS
460.6125 FIRE VEHICULAR REPEATER
465.6125 FIRE VEHICULAR REPEATER
154.7250 FIRE COVENTRY TIE
154.8000 POLICE LOCAL OPS
154.1150 LOCAL GOVT ??
156.2400 LOCAL GOVT HIGHWAY MAINT
NORTH SMITHFIELD
154.1900 FIRE NORTHERN FIRE LEAGUE
156.0900 POLICE LOCAL OPS
159.1650 LOCAL GOVT HIGHWAY MAINT
154.6000 LOCAL GOVT SCHOOL DEPT
PAWTUCKET
154.4450 FIRE LOCAL OPS
154.8300 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
155.8350 POLICE CAR TO CAR
453.7500 LOCAL GOVT HIGHWAY MAINT
155.9550 LOCAL GOVT SANITATION/ELDERLY
PORTSMOUTH
154.3250 FIRE LOCAL OPS
154.8450 POLICE LOCAL OPS
155.8500 POLICE SECONDARY
159.1200 LOCAL GOVT HIGHWAY MAINT
155.1000 LOCAL GOVT FIRE ALARM MAINT
PROVIDENCE
154.3700 FIRE LOCAL OPS
153.8300 FIRE MOBILE
159.3600 FIRE FIREGROUND
460.1000 POLICE DISPATCH CH-1
460.2000 POLICE SECONDARY CH-2
460.4250 POLICE CAR TO CAR CH-3
460.2750 POLICE INFORMATION CH-4
460.3250 POLICE DETECTIVES CH-5
155.9850 LOCAL GOVT ??
453.4250 LOCAL GOVT PARKS DEPT
453.5750 LOCAL GOVT HOUSING AUTHORITY
453.9500 LOCAL GOVT HIGHWAY MAINT
31.2400 LOCAL GOVT SCHOOL DEPT
462.9375 SPECIAL EMERGENCY RESPONSE
RICHMOND
46.5000 FIRE LOCAL OPS
46.2800 FIRE FIREGROUND
154.8000 POLICE LOCAL OPS
154.1000 LOCAL GOVT HIGHWAY MAINT/POLICE CH-5
SCITUATE

154.0400 FIRE LOCAL OPS
155.5350 POLICE LOCAL OPS
37.9600 LOCAL GOVT HIGHWAY MAINT
SMITHFIELD
154.4000 FIRE LOCAL OPS(NEW)
154.1900 FIRE LOCAL OPS(OLD)
453.7000 FIRE VOCAL ALARM
154.2500 FIRE FIREGROUND
154.3400 FIRE ??
156.0900 POLICE LOCAL OPS
154.7250 POLICE COVENTRY TIE
150.9950 LOCAL GOVT HIGHWAY MAINT
SOUTH KINGSTOWN
46.4200 FIRE LOCAL OPS
46.3400 FIRE FIREGROUND URI
46.2600 FIRE NARRAGANSETT TIE
460.5875 FIRE VEHICULAR REPEATER
465.5875 FIRE VEHICULAR REPEATER
155.5500 POLICE LOCAL OPS
159.1650 LOCAL GOVT HIGHWAY MAINT
158.7750 LOCAL GOVT SCHOOL DEPT
158.8950 LOCAL GOVT RECREATION DEPT
TIVERTON
46.2000 FIRE LOCAL OPS
155.4150 POLICE LOCAL OPS
155.7450 POLICE SECONDARY
45.6600 POLICE SPECIAL OPS
45.7000 POLICE SPECIAL OPS
45.1200 LOCAL GOVT HIGHWAY MAINT
WARREN
153.9500 FIRE EAST BAY FIRE LEAGUE
155.3700 POLICE LOCAL OPS
156.1200 LOCAL GOVT HIGHWAY MAINT
WARWICK
153.7700 FIRE DISPATCH TO STATIONS
154.3100 FIRE LOCAL OPS
453.6750 POLICE DISPATCH CH-1
453.8250 POLICE RECORDS CH-2
453.4750 POLICE CAR TO CAR CH-3
453.9750 POLICE DETECTIVES CH-4
159.0000 LOCAL GOVT HIGHWAY MAINT
453.2250 LOCAL GOVT HOUSING AUTHORITY
30.9600 LOCAL GOVT SCHOOL DEPT
31.2400 LOCAL GOVT SCHOOL DEPT
WEST WARWICK
154.4300 FIRE LOCAL OPS
156.1500 POLICE LOCAL OPS
453.3000 POLICE FUTURE LOCAL OPS
154.7250 POLICE COVENTRY TIE
155.6250 POLICE E. GREENWICH TIE

153.8150 LOCAL GOVT HIGHWAY MAINT
WESTERLY
46.3600 FIRE LOCAL OPS
46.2600 FIRE FIREGROUND/MAINT
154.1600 FIRE FIREGROUND
154.1300 FIRE STONINGTON TIE
156.2100 POLICE LOCAL OPS
154.9500 POLICE CAR TO CAR
154.0250 LOCAL GOVT HIGHWAY MAINT
153.7850 LOCAL GOVT ??
WOONSOCKET
154.1300 FIRE LOCAL OPS
156.3300 POLICE LOCAL OPS
155.6550 POLICE CAR TO CAR
482.8375 POLICE DETECTIVES
453.9000 LOCAL GOVT ??
159.0600 LOCAL GOVT HIGHWAY MAINT
153.8750 LOCAL GOVT HIGHWAY/HOSPITAL/RESCUE
R.I. STATE POLICE
155.4550 CH-1 STATEWIDE REPEATER
155.4750 CH-2 NATIONAL LAW ENFORCEMENT
155.9350 CH-3 NORTH ZONE
154.9050 CH-4 SOUTH ZONE
155.4450 CH-5 TAC-1
155.5050 CH-6 DETECTIVES
155.6100 CH-7 INFORMATION NCIC/LISCENSE DATA
155.1900 CH-8 RISPERN/SECONDARY-SOME LOCAL PDs
159.1500 CH-9 TAC-2
42.6200 POLICE (KCE705) ??
151.3250 POLICE (KD36169) ??
154.6950 POLICE (KA6427) ??
154.7100 POLICE (KD36169) ??
154.9350 POLICE (KTL542) ??
158.9100 POLICE (KD36169) ??
REGIONAL POLICE
155.1900 STATEWIDE EMERGENCY RADIO NETWORK
155.4750 NATIONAL LAW ENFORCEMENT CHANNEL
158.9700 STATEWIDE INTERCITY POLICE NETWORK
155.4300 BLACKSTONE VALLEY POLICE NETWORK
155.6850 NEWPORT COUNTY POLICE NETWORK
154.8150 WASHINGTON COUNTY POLICE NETWORK
REGIONAL FIRE
46.0600 NEWPORT COUNTY LEAGUE
46.2400 FIREGROUND SOUTH
46.2800 FIREGROUND NORTH
46.3800 CENTRAL FIRE LEAGUE
46.5000 SOUTHERN FIRE LEAGUE
153.9500 EAST BAY FIRE LEAGUE
154.1900 NORTHERN/WOONASQUATUCKET LEAGUE
154.2800 STATEWIDE INTERCITY CHANNEL

STATE DOT
856.3125 800 MHz TRUNKED SYSTEM
856.3375 800 MHz TRUNKED SYSTEM
857.3125 800 MHz TRUNKED SYSTEM
857.3375 800 MHz TRUNKED SYSTEM
858.3125 800 MHz TRUNKED SYSTEM
858.3375 800 MHz TRUNKED SYSTEM
859.3125 800 MHz TRUNKED SYSTEM
859.3375 800 MHz TRUNKED SYSTEM
860.3125 800 MHz TRUNKED SYSTEM
860.3375 800 MHz TRUNKED SYSTEM
47.2200 STATE ENGINEERS
47.3400 STATE SURVEYORS
853.3625 SMRS TRUNKED REPEATER
OTHER STATE GOVERNMENT
453.6000 DCYF (TRAINING SCHOOL)
453.6500 DCYF (TRAINING SCHOOL)
155.8800 DEPT OF CORRECTIONS-SECURITY
154.6800 DEPT OF CORRECTIONS-SECURITY/PRISONER TRANSPORT
148.2500 EMERGENCY MANAGEMENT
45.4400 EMERGENCY MANAGEMENT/CIVIL DEFENSE
31.7400 FIRE TOWERS F-2
173.2625 MEDICAL EXAMINER
31.6200 PARK POLICE ADMIN/FIRE CONTROL
31.6600 PARK POLICE CAR TO CAR
31.7000 PARK POLICE ENFORCEMENT
31.5400 PARK POLICE F-1
31.5800 PARK POLICE F-2
151.1750 PARK RANGERS
151.3850 PARK RANGERS
452.6750 PUBLIC TRANSIT AUTHORITY
452.7500 PUBLIC TRANSIT AUTHORITY
452.8000 PUBLIC TRANSIT AUTHORITY
452.8500 PUBLIC TRANSIT AUTHORITY
49.7000 RI AIR NATIONAL GUARD AIR OPERATIONS
149.4750 RI AIR NATIONAL GUARD FIRE/RESCUE
141.8000 RI AIR NATIONAL GUARD OPERATIONS (RHODY OPS)
383.3000 RI AIR NATIONAL GUARD OPERATIONS (RHODY OPS)
163.4875 RI AIR NATIONAL GUARD SECURITY F-1
165.1375 RI AIR NATIONAL GUARD SECURITY F-2
153.0200 RI BRIDGE/TURNPIKE
45.4400 RI DEPARTMENT OF HEALTH
41.3500 RI NATIONAL GUARD
41.4500 RI NATIONAL GUARD
41.5500 RI NATIONAL GUARD
41.7500 RI NATIONAL GUARD
49.4000 RI NATIONAL GUARD
49.8000 RI NATIONAL GUARD
49.9000 RI NATIONAL GUARD
244.1000 RI NATIONAL GUARD OPERATIONS (FIERCE ALPINE)

47.0000 RI NATIONAL GUARD OPERATIONS (FIERCE ARROW)
151.5350 RI PORT AUTHORITY
153.0050 RI PORT AUTHORITY
462.9375 STATE EMERGENCY RESPONSE
153.9800 STATE FIRE MARSHAL
158.8050 STATE FIRE MARSHAL
155.1000 STATE MARSHALS-TRANSPORT
TF GREEN AIRPORT
120.6000 APPROACH
120.7000 TF GREEN TOWER
121.7000 TF GREEN GROUND CONTROL
121.9000 TF GREEN GROUND CONTROL
122.6000 BRIDGEPORT FSS RCO
124.2000 AUTO TERMINAL WX INFO
124.5000 APPROACH
124.8500 BOSTON APP/DEP CONTROL
125.7500 APPROACH
125.9000 APPROACH
126.6500 CLEARANCE DELIVERY
127.9000 DEPARTURE
135.4000 BOSTON APP/DEP CONTROL
154.3550 TF GREEN AIRPORT FIREGROUND
154.9950 TF GREEN AIRPORT OPS
255.4000 BRIDGEPORT FSS RDO
257.8000 TF GREEN TOWER
460.7000 USAIR GROUND SUPPORT
465.7250 UNITED GROUND SUPPORT
460.7500 EASTERN GROUND SUPPORT
464.9750 AIRPORT PARKING
465.7750 AMERICAN AIR LINES
QUONSET AIRPORT
118.6000 APPROACH
121.2000 QUONSET TOWER
122.8500 STATE OF RI
126.3500 QUONSET TOWER CTAF
133.8500 APPROACH
135.4000 BOSTON APP/DEP CONTROL
135.4000 QUONSET GROUND CONTROL
153.9200 STATE OF RI
154.9950 OPERATIONS CH-1
155.0400 SECURITY CH-2
252.9000 QUONSET TOWER
275.8000 QUONSET GROUND CONTROL
307.9000 BOSTON APP/DEP CONTROL
380.2500 BOSTON APP/DEP CONTROL
385.6000 BOSTON APP/DEP CONTROL
AMTRAK
160.5150 MAINTENANCE
160.6350 STATION SERVICES
160.8000 ROAD OPS-CONRAIL

160.9200 ROAD OPS-AMTRAK
161.0700 YARD OPERATIONS
161.1300 PHONE PATCH-MAINTENANCE
161.2950 RAILROAD POLICE
CONNECTICUT STATE POLICE
42.0400 CH-1 TROOPS E G H W
42.3600 CH-2 TROOPS C K
42.4800 CH-3 TROOPS F I
42.5200 CH-4 TROOPS A B D L
42.1800 CH-5 DETECTIVES
42.3000 CH-6 DETECTIVES
42.2000 CH-7 TRAFFIC
42.2400 CH-8 TRAFFIC
42.5800 CH-9 SPEED ENFORCEMENT
42.6400 CH-10 SPEED ENFORCEMENT
42.6800 CH-11 SPEED ENFORCEMENT
154.6650 SP-1 TROOP TO TROOP
154.6950 ?? TROOP TO TROOP
154.8300 SP-2 SPECIAL ACTIVITIES
155.4750 SP-3 NATIONAL POLICE CHANNEL
154.8900 SP-4 SPECIAL ACTIVITIES
154.8750 ?? MOTOR VEHICLE
MASSACHUSETTS STATE POLICE
42.4400 CH-1 STATEWIDE EMERGENCY
42.3400 CH-2 TROOP A (EASTERN MA)
42.4000 CH-3 TROOP C (CENTRAL MA)
42.5000 CH-4 TROOP D (SOUTHEASTERN MA)
52.5400 CH-5 HEADQUARTERS
42.4600 CH-6 TROOP B (WESTERN MA)
42.4200 CH-7 INVESTIGATORS
44.7400 CH-8 STATE TO TOWN
44.9000 CH-9 SPEED ENFORCEMENT
COLLEGES & UNIVERSITIES
463.4000 BROWN ??
467.9500 BROWN ??
464.9750 BROWN ??
462.9500 BROWN EMS
464.5500 BROWN OPERATIONS
461.9000 BROWN SECURITY
464.5250 BRYANT COLLEGE ??
464.5750 BRYANT COLLEGE ??
464.6750 BRYANT COLLEGE ??
464.9250 BRYANT COLLEGE ??
464.4250 BRYANT COLLEGE MAINTENANCE
464.8250 BRYANT COLLEGE SECURITY
154.6500 CCRI LINCOLN SECURITY
154.6500 CCRI WARWICK SECURITY
857.3875 JOHNSON & WALES ??
463.6750 JOHNSON & WALES SECURITY
464.6750 JOHNSON & WALES TRANSPORTATION

464.5250 PROVIDENCE COLLEGE ??
461.0500 PROVIDENCE COLLEGE MAINTENANCE
461.2750 PROVIDENCE COLLEGE NEW
461.0250 PROVIDENCE COLLEGE SECURITY
458.1500 RHODE ISLAND COLLEGE ??
453.1500 RHODE ISLAND COLLEGE POLICE
151.7750 ROGER WILLIAMS ??
151.8350 ROGER WILLIAMS ??
154.5400 ROGER WILLIAMS MAINTENANCE
154.6000 ROGER WILLIAMS SECURITY
151.9250 SALVE REGINA MAINTENANCE
154.5150 SALVE REGINA SECURITY
151.8950 URI ??
464.5000 URI ??
464.5500 URI ??
154.5400 URI FIRE ALARM MAINT
154.5150 URI MAINTENANCE
155.0400 URI SECURITY
FEDERAL FREQUENCIES IN RI
162.7625 FEDERAL BUREAU OF INVESTIGATIONS
162.9750 FEDERAL BUREAU OF INVESTIGATIONS
164.1500 FEDERAL BUREAU OF INVESTIGATIONS
167.2375 FEDERAL BUREAU OF INVESTIGATIONS
167.2625 FEDERAL BUREAU OF INVESTIGATIONS
167.3875 FEDERAL BUREAU OF INVESTIGATIONS
167.4625 FEDERAL BUREAU OF INVESTIGATIONS
167.5625 FEDERAL BUREAU OF INVESTIGATIONS
167.6000 FEDERAL BUREAU OF INVESTIGATIONS
167.6625 FEDERAL BUREAU OF INVESTIGATIONS
167.7125 FEDERAL BUREAU OF INVESTIGATIONS
167.7625 FEDERAL BUREAU OF INVESTIGATIONS
138.6000 NAVAL EDUCATION & TRAINING CENTER AMBULANCE
140.3500 NAVAL EDUCATION & TRAINING CENTER SECURITY
140.8000 NAVAL EDUCATION & TRAINING CENTER FIRE
156.3000 US COAST GUARD CH-6 INTERSHIP SAFETY
156.6000 US COAST GUARD-CASTLE HILL CH-12 PORT OPS
156.6500 US COAST GUARD CH-13 NAVIGATION
156.7000 US COAST GUARD-CASTLE HILL CH-14 PORT OPS
157.0500 US COAST GUARD-CASTLE HILL CH-21
157.1000 US COAST GUARD-CASTLE HILL CH-22 NOTIFICATION
157.1500 US COAST GUARD-CASTLE HILL CH-23
157.1750 US COAST GUARD CH-83 USCG AUXILIARY
NEWS MEDIA
161.6700 CAPITAL CITIES/ABC
161.7000 CAPITAL CITIES/ABC
161.7300 CAPITAL CITIES/ABC
161.7600 CAPITAL CITIES/ABC
153.2900 PROVIDENCE JOURNAL
161.6400 PROVIDENCE JOURNAL
173.2750 PROVIDENCE JOURNAL

454.4000 PROVIDENCE JOURNAL
455.7500 PROVIDENCE JOURNAL
463.8500 PROVIDENCE JOURNAL
464.0625 PROVIDENCE JOURNAL
464.1125 PROVIDENCE JOURNAL
464.2375 PROVIDENCE JOURNAL
464.3250 PROVIDENCE JOURNAL
464.4375 PROVIDENCE JOURNAL
464.8125 PROVIDENCE JOURNAL
464.8875 PROVIDENCE JOURNAL
852.5875 PROVIDENCE JOURNAL
450.2325 SPY IN THE SKY TRAFFIC REPORTS
153.2300 WJAR TV CH 10
161.7300 WJAR TV CH 10
161.7600 WJAR TV CH 10
450.1875 WJAR TV CH 10
450.2125 WJAR TV CH 10
450.3875 WJAR TV CH 10
450.9250 WJAR TV CH 10
455.9250 WJAR TV CH 10
455.9800 WJAR TV CH 10
853.4875 WJAR TV CH 10
161.6700 WLNE TV CH 6
455.1500 WLNE TV CH 6
462.1250 WLNE TV CH 6
464.7500 WLNE TV CH 6
450.4875 WPRI TV CH 12
450.5875 WPRI TV CH 12
455.0200 WPRI TV CH 12
450.1875 WPRO RADIO WPRO TRAFFIC
450.2500 RI TRAFFIC REPORTS NET
450.7500 RI TRAFFIC REPORTS NET
463.7750 PROVIDENCE NOTIFICATION NET (NEWS MEDIA)
OTHER
154.5700 AAA SECRUITY
154.5150 AAA SECURITY
463.3750 ARROW LIMOUSINES
33.4000 BESS EATON DONUTS ORDER SYSTEM
154.5400 BESS EATON DONUTS ORDER SYSTEM
31.0000 BURGER KING ORDER SYSTEM
170.3050 BURGER KING ORDER SYSTEM
122.9000 CIVIL AIR PATROL SEARCH & RESCUE
123.1000 CIVIL AIR PATROL SEARCH & RESCUE
464.5750 CONVENTION CENTER AUTHORITY
156.4500 EAST GREENWICH YACT CLUB
153.0800 ELECTRIC BOAT-QUONSET
153.1400 ELECTRIC BOAT-QUONSET
463.7375 FOXBORO STADIUM
463.7625 FOXBORO STADIUM
464.4250 FOXBORO STADIUM

464.7250 FOXBORO STADIUM - MGMT STAFF
154.5700 FOXBORO STADIUM - OPERATIONS
154.6250 FOXBORO STADIUM - OPERATIONS
151.6250 FOXBORO STADIUM - OPERATIONS/REFEREES
464.4250 FOXBORO STADIUM - SECURITY
464.7750 FOXBORO STADIUM - SECURITY
464.9500 FOXBORO STADIUM - SECURITY
866.0125 FOXBORO STADIUM STADIUM S.P. FOR EVENTS
866.5125 FOXBORO STADIUM STADIUM S.P. FOR EVENTS
867.0125 FOXBORO STADIUM STADIUM S.P. FOR EVENTS
461.3000 HOLIDAY INN (PROVIDENCE)
462.8250 INN AT THE CROSSINGS
464.5750 INN AT THE CROSSINGS
464.8750 INN AT THE CROSSINGS
464.5000 INTERNATIONAL TENNIS HALL OF FAME
33.4000 KENTUCKY FRIED CHICKEN ORDER SYSTEM
154.5400 KENTUCKY FRIED CHICKEN ORDER SYSTEM
460.8875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
461.0875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
462.7625 KENTUCKY FRIED CHICKEN ORDER SYSTEM
465.8875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
466.0875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
467.8875 KENTUCKY FRIED CHICKEN ORDER SYSTEM
461.1750 L.A. SECURITY SERVICE
463.7750 L.A. SECURITY SERVICE
464.5500 L.A. SECURITY SERVICE
154.5700 LINCOLN MALL
463.2625 MARRIOTT HOTELS
468.2625 MARRIOTT HOTELS
463.7875 MARRIOTT HOTELS (NEWPORT)
465.0000 MARRIOTT HOTELS (NEWPORT)
33.1400 MC DONALDS ORDER SYSTEM
35.0200 MC DONALDS ORDER SYSTEM
151.7150 MC DONALDS ORDER SYSTEM
151.7750 MC DONALDS ORDER SYSTEM
151.8950 MC DONALDS ORDER SYSTEM
154.5700 MC DONALDS ORDER SYSTEM
154.6000 MC DONALDS ORDER SYSTEM
169.4450 MC DONALDS ORDER SYSTEM
170.2450 MC DONALDS ORDER SYSTEM
171.1050 MC DONALDS ORDER SYSTEM
171.9050 MC DONALDS ORDER SYSTEM
464.0125 MC DONALDS ORDER SYSTEM
464.1125 MC DONALDS ORDER SYSTEM
464.1375 MC DONALDS ORDER SYSTEM
464.1625 MC DONALDS ORDER SYSTEM
464.1875 MC DONALDS ORDER SYSTEM
464.3125 MC DONALDS ORDER SYSTEM
464.3375 MC DONALDS ORDER SYSTEM
464.3875 MC DONALDS ORDER SYSTEM

467.0125 MC DONALDS ORDER SYSTEM
469.1125 MC DONALDS ORDER SYSTEM
469.1375 MC DONALDS ORDER SYSTEM
469.1625 MC DONALDS ORDER SYSTEM
469.1875 MC DONALDS ORDER SYSTEM
469.3125 MC DONALDS ORDER SYSTEM
469.3375 MC DONALDS ORDER SYSTEM
469.3875 MC DONALDS ORDER SYSTEM
162.4750 NATIONAL WEATHER SERVICE BOSTON
162.4000 NATIONAL WEATHER SERVICE PROVIDENCE
154.5700 NEW ENGLAND PATRIOTS
154.6000 NEW ENGLAND PATRIOTS
48.6400 NEW ENGLAND POWER (STORM EMERGENCY)
160.8450 NEWPORT DINNER TRAIN
123.5000 NEWPORT HELICOPTERS
464.7500 NEWPORT ISLANDER DOUBLE TREE
464.7750 NEWPORT ISLANDER DOUBLE TREE
465.0000 NEWPORT ISLANDER DOUBLE TREE
461.5750 NEWPORT MALL
151.8050 NEWPORT RESTORATION FOUNDATION
151.8950 NEWPORT YACHTING CENTER
464.8750 OMNI BILTMORE HOTEL
469.2875 PAWTUCKET RED SOX BASEBALL
469.8125 PROVIDENCE CIVIC CENTER
464.3250 PROVIDENCE PERFORMING ARTS CENTER
464.4500 PROVIDENCE PERFORMING ARTS CENTER
122.9000 PROVIDENCE-DOWNTOWN HELICOPTERS
47.4200 RHODE ISLAND RED CROSS
47.6600 RHODE ISLAND RED CROSS
151.6550 RHODE ISLAND SCHOOL OF DESIGN
464.7750 ROCKY POINT PARK
464.8725 ROCKY POINT PARK
464.9250 ROCKY POINT PARK
464.9250 ROGER WILLIAMS PARK AND ZOO
464.6750 SHERATON TARA (AIRPORT)
33.1600 TACO BELL ORDER SYSTEM
33.4000 TACO BELL ORDER SYSTEM
154.5150 TACO BELL ORDER SYSTEM
154.5400 TACO BELL ORDER SYSTEM
457.5375 TACO BELL ORDER SYSTEM
461.0375 TACO BELL ORDER SYSTEM
461.0875 TACO BELL ORDER SYSTEM
461.5375 TACO BELL ORDER SYSTEM
464.3875 TACO BELL ORDER SYSTEM
464.9625 TACO BELL ORDER SYSTEM
466.0375 TACO BELL ORDER SYSTEM
466.5375 TACO BELL ORDER SYSTEM
468.3875 TACO BELL ORDER SYSTEM
469.9625 TACO BELL ORDER SYSTEM
154.6000 TREADWAY INN (NEWPORT)

453.3375 VETERANS AUDITORIUM
151.7750 VIKING TOURS OF NEWPORT
154.6000 WARWICK MALL

Please distribute/post as you wish. EMAIL any additions/corrections.

##
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1860. Re: Are all 2006 Mod'able?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 17:20:43 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <D3n46K.Cqq@melpar.esys.com>
Source record: 261712

In article <3h80jk$d0n@miasun.med.miami.edu>, amike@maniac.med.miami.edu (Mike Alicea) writes:
|> Are all Pro-2006 modifiable or is there a date code
|> check?

All 2006's are modable for cell phones. Date codes do not apply.

****
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
****

1861. Audio frequencys for TV stations

Newsgroup: rec.radio.scanner
Date: 1995-02-07 18:20:06 UTC
From: schriber@crash.cts.com
Message-ID: <schriber.792181206@crash.cts.com>
Source record: 261722

Good morning: I seem to have lost my handy chart listing standard TV video and audio frequencies. If some kind person could post or e-mail that type of list I would greatly appreciate it!

Mike Schriber
schriber@cts.com
(619)597-0078

1862. Re: phila.scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-07 18:28:03 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <1733EBD66S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 261715

In article <Pine.SUN.3.91.950207094135.22485A-100000@grape.epix.net>
Bill Merrell <wmerrell@grape.epix.net> writes:

>Does anyone know if there is a news group phila.scanner??

>>Bill - you'll find it at phl.scanner

1863. import law

Newsgroup: rec.radio.scanner
Date: 1995-02-07 18:52:19 UTC
From: jw94@davinci
Message-ID: <3h8fh3$32f@bright.ecs.soton.ac.uk>
Source record: 261716

Could someone in the U.S. tell me what the law is regarding sale and ownership of cellular capable scanners.
I have noticed a lot of postings about cellular restoration on the AR8000, specifically what I want to know is :-

If I as a U.K. citizen buy a UK model AR8000, can I sell it to an american citizen as a second hand product legally. If it is legal I was thinking about setting up a service selling "2nd hand" UK model AR8000's to US buyers looking for scanners without cellular lockout.

Thanks for any replies,
John Wigley

1864. Radio Shack vs. Uniden?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 19:35:26 UTC
From: Peter C Murphy <pm4060@selway.umt.edu>
Message-ID: <Pine.ULT.3.91.950207122553.9003A-100000@selway.umt.edu>
Source record: 261719

I am thinking of purchasing a handheld scanner. What is the popular concensus regarding which brand is better? (Radio Shack or Uniden) I am interested in the Uniden 2500XLT ? (the top line uniden handheld) and wonder if it is respected in the scanning arena?

1865. Re: Pro 2026 Info wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-07 19:44:38 UTC
From: robertso@bev.net
Message-ID: <robertso.7.0013BF0F@bev.net>
Source record: 261566

In article <3h64ap$j2r@newsbf02.news.aol.com> apiis@aol.com (APIIS) writes:
>From: apiis@aol.com (APIIS)
>Subject: Re: Pro 2026 Info wanted
>Date: 6 Feb 1995 16:28:57 -0500

>I have a PRO-43 & PRO-2026 also. I had my PRO-43 first and got tired of
>moving it in and out of the car. I bought my PRO-2026 on sale for $149,
>at that price it is a pretty good scanner. The only modification I have
>found for it is the celluar unblocking. This modification can be ftp-ed
>from oak.oakland.edu in their pub/ham.radio/mod/tandy area. I have been
>pleased with it so far.

I have a PRO-34 and also bought a 2026 for $149.00.

Good mobile and good desk-top. I like the service search It's handy
in new areas. (if you come up opon a road block]

I like the orange LCD

VERY easy to unlock cell. (somebody said later versions were unrestorable?)

(I also got mod info from same site]

1866. Re: AOR8000 and Palmtops?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 19:51:24 UTC
From: Bryce_Hooker.COMPUSERVE_CORP@notes.compuserve.com
Message-ID: <3h8j05$rps@mhaal.inhouse.compuserve.com>
Source record: 261720

I'm certainly interested! I own both the AR8000 and an HP100LX. I
think the two machines are perfect for each other. I've been wondering
if the Scan Star software would run on the LX.

Bryce

In article <CCARTEE.95Jan31230118@regal.cisco.com>,
Claude Alan Cartee writes:

Speaking of databases, does anyone use their AOR8000 with some sort of
palmtop? I've got an HP100LX, and it has a built-in database
application which seems to be a natural for compact on-the-go computer
control. As an aside, the low-power cmos cpu doesn't radiate as much
RF as the bigger laptop/desktop models do...

I'm working out a db now, so if there's enough interest, I'll post.
--

Claude Alan Cartee "I have neither the time nor the inclination to
explain
170 W. Tasman Drive myself to a man who rises and sleeps under the
blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I
provide it"
408 526-7801 -Col Nathan R. Jessep

1867. SC150 Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-07 20:13:32 UTC
From: theglide@teleport.com
Message-ID: <theglide.3.00143A63@teleport.com>
Source record: 261568

Can the SC150 be modified? I've seen this question asked in many different places, but I've never seen an answer.

1868. Re: Disney World Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 20:14:22 UTC
From: zlew14@AMOCO.COM
Message-ID: <3h8kau$9qt@tabloid.amoco.com>
Source record: 261721

In article <1995Feb6.163941.7301@driftwood.cray.com>, jbadger@poplar110.cray.com (Jon Badger) writes:
>
>Would someone be so kind as to send or post a current Disney World
>(not Disney Land) frequency list?
>
>Thanks in Advance!
>
>--
> _/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
> _/ _/ _/ _/_/ _/ CRAY Research, Inc.
> _/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
> _/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

John,
This list is about a year old but most should still be in use.
Larry

853.4875 DISNEY TRUNKED SYSTEM
855.6875 DISNEY TRUNKED SYSTEM
855.7875 DISNEY TRUNKED SYSTEM
855.8125 DISNEY TRUNKED SYSTEM
856.7875 DISNEY TRUNKED SYSTEM
856.8125 DISNEY TRUNKED SYSTEM
856.9125 DISNEY TRUNKED SYSTEM
857.7875 DISNEY TRUNKED SYSTEM
858.7875 DISNEY TRUNKED SYSTEM
858.8125 DISNEY TRUNKED SYSTEM
859.7875 DISNEY TRUNKED SYSTEM
859.8125 DISNEY TRUNKED SYSTEM
453.825 DISNEY-All Properties - Ambulance
453.875 DISNEY-All Properties - Fire Dept.
461.600 DISNEY-All Properties - OPS (River Country, Pioneer Hall)
462.475 DISNEY-All Properties - Utilities (Water, Electricity, etc)
462.775 DISNEY-All Properties - Paging
464.125 DISNEY-All Properties - Security
464.200 DISNEY-All Properties - Resort Hotels, (G.F. Contemporary)
463.975 DISNEY-All Properties - Housekeeping
151.655 Space Mountain/Riverboats/Studio Trams *
151.895 DISNEY-Magic Kingdom - 20,000 Leagues Submarines
461.300 DISNEY-Magic Kingdom - Entertainment (parade coordination)
462.625 DISNEY-Magic Kingdom - Operations, Transportation, Parking, Boats.
464.400 DISNEY-Magic Kingdom - Security
464.625 DISNEY-Magic Kingdom - Trouble Dispatch, Technicians
154.47875 Light Barges (Electrical Water Pageant) *

462.550 DISNEY-EPCOT Center - Entertainment
462.650 DISNEY-EPCOT Center - Administration
462.675 DISNEY-EPCOT Center - Trouble Dispatch, Technicians
463.750 DISNEY-EPCOT Center - Security
148.100 E-Stop Great Movie Ride *
452.650 Cash Control (Wells Fargo Trucks) *
461.3375 Warehouses 1 *
461.700 DISNEY-MGM Studios - Operations
461.9125 Warehouses 2 *
462.575 Operations 2 (Monorails)
462.850 DISNEY-All Properties - Paging
464.0625 People Finder *
464.500 Entertainment 4 (Special)
123.0500 walt disney world company [kle5] (aircraft operations)
147.3000 walt disney world (amateur radio) [wr4amg] *paired w/147.9000!
151.8950 walt disney world - magic kingdom ("20,000-leagues" submarines)
158.1000 vista united (disney world office guest rental pagers - voice/data)
442.0000 walt disney world (amateur radio) [wa4abq repeater]
443.4000 walt disney world (amateur radio) [wr4amg] *paired w/448.4000!
453.8250 disney world[krt729 - "bay lake/reedy creek"] <fire 1>
453.8750 walt disney world [kro332 - "reddy creek"] <fire 2> paired w/458.8750!
461.3000 magic kingdom maintenance/computer control base/paradecoordination
461.6000 bus trans, campground walt disney world (river country/pioneer hall)
461.7000 walt disney world/mgm studios *paired w/466.7000!
462.4750 walt disney world [kneg640 - "reedy creek"] (utilities)
462.5500 epcot show control and MK parades <ops 1> (operations)*simplex! paging
462.5750 walt disney travel ctr MONORAILS [<ops f2> *paired w/467.5750!
462.6250 walt disney world - magic kingdom (transportation)<ops f3>*pw/467.6250!
462.6500 epcot trans, parking, show control,(administration) <maint 1>
462.6750 epcot maint, computer control base (trouble dispatch)
462.7750 walt disney world [wyt220] (digital & voice paging)
462.8500 walt disney world [wzl392] (park-wide paging announcements)
463.7500 walt disney world (security at epcot)<security 3>*paired w/468.7500!
463.9750 walt disney world [kur462] <show control 1> *paired 468.9750!
464.1250 walt disney world [kul489] <security 2>*paired w/469.1250!
464.2000 walt disney world <poly base> *paired w/469.2000!
464.4000 walt disney world travel - magic kingdom - <security 1>
464.6250 walt disney world - MAINT magic kingdom *paired w/469.6250!
464.8000 walt disney world (taxis/village maintenance/utilities)/mgm studios
467.2500 walt disney world
467.5750 walt disney world (monorail train-to-train,(pleasure island operations)
483.0000 walt disney world - magic kingdom (operations & daily parade)
484.1750 walt disney world - epcot (operations)
484.3250 walt disney world (transportation: buses & boats)
484.3500 walt disney world - epcot (operations & security)
484.3750 walt disney world - epcot (maintenance)
157.740 Pagers (no input)
204.600 DISNEY-EPCOT Center - Character Greeting audio
206.000 DISNEY-Magic Kingdom - Parade float audio
207.600 DISNEY-EPCOT Center - same (simulcast)

207.750 DISNEY-Magic Kingdom - 208.175 - 208.625 - 208.950 - Same
209.100 DISNEY-Magic Kingdom - 209.600 - 210.125 - 211.850 - Same
212.475 DISNEY-Magic Kingdom - Same
451.500 VUT
464.575
464.600 Operations Simplex *
464.800 Maintenance 3 (Disney - MGM Studios)
464.9375 Entertainment 3 *
468.8125 Point of Sale Systems *
469.3375 E - Stops (Attractions) *
806.0000 WNZC361 YB WALT DISNEY IMAGINEERING Exp: 04/14/1997
860.7875?????????????
915.0000 WPBT287 IX WALT DISNEY CO Exp: 02/25/1998

Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County

1869. wanted: ICOM R-100

Newsgroup: rec.radio.scanner
Date: 1995-02-07 21:19:58 UTC
From: SELBYROG@MAX.CC.Uregina.CA
Message-ID: <1733ED79E.SELBYROG@MAX.CC.Uregina.CA>
Source record: 261724

Wanted to buy: ICOM R-100. Leave email.

RMS

1870. RCS..

Newsgroup: rec.radio.scanner
Date: 1995-02-07 21:26:14 UTC
From: splat@splat.tcp.co.uk
Message-ID: <3h8ohm$2o9@mole.tcp.co.uk>
Source record: 261723

Does anyone know what frequency regional crime squad are on now, in the UK...as they seem to have moved from there usual channel in my area.

Or so I'm told......

--
.signature under construction

1871. Scanner repair

Newsgroup: rec.radio.scanner
Date: 1995-02-07 22:03:01 UTC
From: plaws@comp.uark.edu
Message-ID: <3h8qml$ff0@wizard.uark.edu>
Source record: 261343

> SCANNER REPAIR SHOPS

> by Bob Parnass, AJ9S

> 2. G & G Communications (telephone 716-768-8151) - This
> family owned company repairs scanners and stocks parts
> for several older models. They are located at 9247
> Glenwood Drive, LeRoy, NY 14482.

I've used this service and can attest to their service. Their only
problem is sucess! Last summer they were 3 - 4 weeks behind, so the
repair took a long time. Quality job at a fair price. Returned the
broken parts, too.

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain

1872. Air/ship

Newsgroup: rec.radio.scanner
Date: 1995-02-07 22:06:07 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6290@rook.ukc.ac.uk>
Source record: 261527

Any readers know the name of the airway on 134.9MHz, or where the
relevant aerial is?
I get it very strongly, and often hear the ground controllers.
It also gives an image 21.4MHz up, on 156.3MHz, namely marine Ch 6,
which is quite strange....conjures up visions of flying boats :-)

1873. Re: 800Mhz for US AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-07 22:22:02 UTC
From: dfleming@earth.execpc.com
Message-ID: <3h8rqa$gql@homer.alpha.net>
Source record: 261550
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jerry Gardner (jgardner@netcom.com) wrote:
: In article <D3FvAJ.FEH@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
: >I have been reading on CompuServe this is true -
: >
: >Anyone who buys a UK AR8000 and UK interface (from what I read) can upgrade
: >the US model to international standards and capability (read that as CELL MOD)

: Have you, yourself, seen this done? Not everything you read on Compu$erve
: is true...

: Please cite some other, independent, source for this information. If this
: is like your other posts recently, I doubt you'll be able to...

I have the Uk version of the AR8000 and also the CU8232 UK computer interface. I really think that an exact clone can easily be done. In fact on page 103 of the users manual for the 8000 it states the following:

There are three options for copy:

1. ALL-DATA: To duplicate an "exact" copy of one AR8000 with another. etc,etc.

2. SYS-DATA: To duplicate only the system data,,etc,etc.

3. BANK-DATA: To duplicate the Memory and Search banks.....etc.

I have yet to try this and I'm not even sure that it would be legal...any comments?

1874. Re: Ah ha There Is An AR8000 Secret!

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:05:40 UTC
From: vhealey@crl.com
Message-ID: <3h8u0v$9rr@nntp.crl.com>
Source record: 261528
Cross-posted to: rec.radio.scanner,alt.radio.scanner

simon@terri.enet.dec.com (Semper in Excernere) wrote:
>
>Vic,
>
>Your such a tease...
>
>
>Keep up the good work with the home page. The more I read about it the
>more I want one.
>
>Simon
Thanks for the encouragement on the www page.
I guess it is time to follow up on this isn't it?
Here is the mail I received on the option decoder unit for the ar8000.
.....
Hello Vic,

your AR8000 homepage is great! I found lots of interesting things there.
Keep up the good work!

A few days ago i bought an AR8000 here in Germany from a company called
Bogerfunk. I really hate to buy from them but so far they are the only
shop which offers an AR8000 with build-in speech-inverter. I thought
they had developed it on their own but now i've just read the info from
tree@kla.com (AR8000 from Japan). It seems the speech-inverter is
available for the AR8000 as a standard option board.

The option board itself is (de)activated by holding down the LOCAL
button on power up, so there is definitely support for it in the
firmware. After this you can toggle the inverter on/off with the LOCAL
button. If it is on, an additional digit appears on the 3rd display
line. If you hold the LOCAL button down, the digit can be set with the
tuning knob to a value between 0 and F, so this is obviously a hex
digit. The speech-inverter board seems to use the lower two bits to
control the inversion frequency which is normally about 3kHz, so you get
four different pitch(?) settings.

The bad news is, this option is global. You can't assign the on/off state
to a specific channel or bank.

I only have the radio for a few days now but it seems it has lots of
birdies. It stops on many frequencies even if i connect a 50 ohm
terminator to the antenna socket. If you are interested in more comments
just drop me a line.

73 de Django
DL5YEC

p.s.: this is not my native language and i have been flamed before for
bad english. If you want to use some of this text please correct any
spelling errors and funny wordings. ....

I just got another follow up from Dl5yec

Hello Vic,
i have a minor correction to my first mail: the optional digit shown
on the display appears not on the 3. but on the 4. display line in the
second column.

> Thanks for the info. Please see if the inverter board, by itself, can be
> bought as I would like to try it here in the USA. It could easily be sent by
> mail.

I'll try but i doubt it. Bogerfunk is so far the only dealer who offers
it, and then only if you buy the AR8000 from them. They put a special
sticker "Guarantee void is seal is broken" on each and every rig they
sell, and this *will* break if you try to open the scanner. So even if
you could buy the option board you are not allowed to install it.

73 de Django DL5YEC

.....
There you have it my 'secret' was the speech inverter.
It occurs to me that many police encryption devices are
basically speech inverters. This would allow you to decode them
I reckon.
Speech descramblers and such are illegal now to be offered for sale
to the us public. That is why you will never see one here in
normal chnanels.

.....
PS Funniest scan of the week. The K9 unit who lamented that when
he opened the door his dog got gone. I wonder how long he had been
riding around without letting it wet a fireplug? Later the female cop who reported
she had a woman who found his dog and she would put it in her car an take it
to the officer's apartment.

1875. Re: HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:16:04 UTC
From: jhendricks@cuthbert.win-uk.net
Message-ID: <5@cuthbert.win-uk.net>
Source record: 261529

Lou

It's so nice to see help to a guy on this group who needs help to
gain his amateur radio licence. Should be more of this
assistance to encourage responsibility.

Keep it up

Cheers from the UK

_/ _/ _/ _/ _/ _/ Give someone 1 minute of help and
_/ _/ _/ _/ _/ _/ you'll be helped for a day in
_/ _/ _/ _/ _/ return...
_/ _/ _/ _/ anon
_/_/ _/ _/ _/

1876. Re: Television cabel output for Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:27:26 UTC
From: critter@wizvax.wizvax.com
Message-ID: <1995Feb7.232726.21107@news.wizvax.com>
Source record: 261530

<chicken@imap1.asu.edu> wants to know:
>Hey I was wondering what type of reception I would obtain by installing
>my cable wire into my scanner. I mean, he helps bring out FM radio
>stations on my receiver, but can it help on the scanner?

No, not really. The FM reception is there because the cable company specifically puts that section of the spectrum on the cable. The TV channels are often remodulated (i.e. if you have a channel 6 broadcasting in your area and it is on channel 6 on your cable system, then it is being received, then retransmitted into the cable). Most importantly, though, is that cable channels 14+ (or A and up) are placed in the any spot on the spectrum that will (a) not interfere with other FM or TV stations and (b) reduce the bandwidth needed for the distribution network, so if you hook the cable to your scanner, you should be able to pick up some very distorted TV audio all across the spectrum.

--
Glenn C. Lasher, Jr.
critter@wizvax.com
finger for PGP key

1877. RE: PRO 43

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:33:03 UTC
From: patrick.cook@hotelnet.com
Message-ID: <9502071733.0ONME00@hotelnet.com>
Source record: 261573

Hello:

> the PRO 43s left are display units. Ive always been leery about
> display
> merchandise, but if thats all there is I have no choice. Any

Display merchandise is no different than stored merchandise. The life is still the same.

73's, for now, my friend, and Happy Monitoring!

DE KB0OXD

1878. Re: RS Pro 46 Modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:34:07 UTC
From: ptalbot@sccsi.com
Message-ID: <3h901f$jce@tattoo.sccsi.com>
Source record: 261531

>I've read already on different posts, this unit does fit into the units
>that were manufactured before the CPU blockout. Any info will be greatly
>appreciated.
>
>
> -= Rich =-

CPU Blockout? Does that mean "truly" non-modifiable? i.e. cutting out
or replacing diodes will not restore "CPU blocked" frequency ranges?

I have a PRO-51 that is dated 8A4, and the keyboard mod works except for
channel 23 that is supposed to contain a frequency in the 869-896 Mhz.
The channel instead contains a different frequency.

Does anybody know of an internal modification to the PRO-51 or other
Radio Smack scanners that are dated post 7A4? I have noticed lots of
folks asking about the various models with more recent date codes, but
not much response. If anyone knows what's up about these newer beasts,
many people lurking in this group would greatly appreciate the help.

Thanks...

//--
// Pat Talbot, CNE, Team OS/2 (ptalbot@sccsi.com , ptalbot@bama.com)
// Cruising past Microsoft at Warp3. Avoid the rush, get warped early!
// If you're not living on the edge, you're taking up too much room
//--

1879. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:39:39 UTC
From: ptalbot@sccsi.com
Message-ID: <3h90br$jce@tattoo.sccsi.com>
Source record: 261532

>How about the 11A4? I have the PRO-51 with that date code..
>
>Steve

I am hearing nasty things about post 10A4 dates on *some* scanners - that they have a CPU blockout of some sort placed on them that renders them non-modifiable. I do not know first-hand if this is true, and I am trying to get more information from helpers here in this newsgroup. I would like to find out if the CPU blockout is real, and if *no* internal modification is possible at all. Also would like to know which date codes and models are affected. Anybody know???? Thanks in advance for anyones input...

```
//--------------------------------------------------------------------
// Pat Talbot, CNE, Team OS/2 (ptalbot@sccsi.com , ptalbot@bama.com)
// Cruising past Microsoft at Warp3. Avoid the rush, get warped early!
// If you're not living on the edge, you're taking up too much room
//--------------------------------------------------------------------
```

1880. Bearcat 100 bites the dust, how to fix ??

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:40:25 UTC
From: louis@cpd.Tandem.COM
Message-ID: <D3nLrE.5xD@cpd.tandem.com>
Source record: 261539

Well I thought it was just the battery, however afer ordering a new one from Grove the scanner still had no life. :(So I pulled it apart to see if anything was loose and could not find anything ovious. However when I placed the battery now I see the "BAT" indicator, this at least was some progress. It means at least my LCD is working, does anyone no if the low voltage detect is done with the mircoprocessor ?? How do I track down why the voltage is low ??? Any hints of what to look for or as a last resort who can repair ???

Thanks in advance,

Louis

1881. Re: Radio Shack vs. Uniden?

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:40:49 UTC
From: schuster@panix.com
Message-ID: <3h90e1$4bf@panix3.panix.com>
Source record: 261533

In article <Pine.ULT.3.91.950207122553.9003A-100000@selway.umt.edu>,
Peter C Murphy <pm4060@selway.umt.edu> wrote:
>I am thinking of purchasing a handheld scanner. What is the popular
>concensus regarding which brand is better? (Radio Shack or
>Uniden) I am interested in the Uniden 2500XLT ? (the top line uniden
>handheld) and wonder if it is respected in the scanning arena?

You've got to be more specific in your "Radio Shack vs. Uniden" question.

Radio Shack sells scanners **MANUFACTURED** for them by two companies -
GRE and ... you guessed it .... Uniden.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1882. RE: WANT your broken pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:51:07 UTC
From: patrick.cook@hotelnet.com
Message-ID: <9502071751.0P2UF00@hotelnet.com>
Source record: 261574

Hello:

> I'm looking for non-working Motorola Bravo pagers, or ones that are
> similar in size. I'm not wanting those ones with the big display
> lenses.
> I don't care how scratched up, just that the casing is not smashed.
>
> It doesn't even matter if they have digital readouts (LCD's).
> Thanks.

Would you care for my pager from AT&T????? I no longer need it(...as I'm converting over to an Alpha-Numeric pager soon). Pager is in EXCELLENT condition.

Let me know if you're interested!

CUL8R, my friend!

PATRICK

1883. Re: Cop-talk

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:58:58 UTC
From: Danny@dannymcl.demon.co.uk
Message-ID: <792201537snz@dannymcl.demon.co.uk>
Source record: 261494

IC probably stands for Identification Code, it used to be RC which stood for
a "politically incorrect" Racial Code.

--
Danny McLaughlin - EMail danny@dannymcl.demon.co.uk

1884. Re: import law

Newsgroup: rec.radio.scanner
Date: 1995-02-07 23:59:29 UTC
From: opp@worldweb.net
Message-ID: <opp-0702952059290001@line103.worldweb.net>
Source record: 261537

> If I as a U.K. citizen buy a UK model AR8000, can I sell it to an american
> citizen as a second hand product legally. If it is legal I was thinking
> about setting up a service selling "2nd hand" UK model AR8000's to US
> buyers looking for scanners without cellular lockout.

First of all, I'd hire a lawyer...secondly, who wud want to pay your
markup. the scanners are expensive enough w/o a middle man involved.

--
And that's the way it was...

1885. Laurie Anderson Concert Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:01:50 UTC
From: adamld@atl.com
Message-ID: <1995Feb8.000150.14721@atl.com>
Source record: 261538

I saw Laurie Anderson's "Nerve Bible" show last night in Seattle. (This is not a Review.) I wish I had brought my scanner, as there were plenty of wireless communications going on: "crowd control" (headsets), wireless mics, instruments, remote control, etc.

I did, however, bring my Scout frequency counter! Here are the freq's I caught along with the number of hits:

417.898 (4)
464.867 (8)
467.767 (1)
468.392 (59)

Have fun! (And enjoy the show.)

--
Adam Levin-Delson adamld@atl.com Vx: 206.487-8681
Atlantis Diagnostic Int'l Inc. Fx: 206.487-8170
18939 120th Ave. NE Ste.111 Bothell, WA 98011 USA
If this signature appears twice you're a winner!

1886. Re: Pro-46 7A3 Code

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:17:17 UTC
From: XCVB98C@prodigy.com
Message-ID: <3h92id$3d6g@usenetp1.news.prodigy.com>
Source record: 261540

Sorry dude, you have to press, and hold those keys while turning on your scanner. Sorry for the mis-information. Good luck, and let me know if it works.

L8TER!

Mr. Mojo

1887. Re: 800Mhz for US AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:25:02 UTC
From: cmartin@cix.compulink.co.uk
Message-ID: <D3nntr.FK3@cix.compulink.co.uk>
Source record: 261541

How do I do an EEPROM dump from my AR8000 to my PC ? (I have the interface !). Thanks in anticipation

Chris

1888. Where to get scanner mod's???

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:26:25 UTC
From: "Gary I. Johnson" <gij@pop.msn.fullfeed.com>
Message-ID: <NEWTNews.792185343.5064.gij@amfamin.msn.fullfeed.com>
Source record: 261542

Is there an archive of detailed modifications that can be made to scanners?
I'm particularly interested in RS Pro-39 mods. Thanks for any help.

1889. AOR 8000 Squelch Problem?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:36:01 UTC
From: ccartee@regal.cisco.com
Message-ID: <CCARTEE.95Feb7163601@regal.cisco.com>
Source record: 261544

I am having some interesting 'problems' with the squelch on my
AOR8000. I have been using it to monitor public service (150Mhz,
450MHz NFM) and military aircraft (220 - 400 MHz AM). I notice that
even on a strong mil. air signal the sound seems to come in and out
like the squelch is on a threshold. It almost sounds like what you
get when you set up a priority channel and the scanner is off checking
that frequency (this is just for reference, as I have the priority
feature turned off.)

If I press the Monitor button on the side, the signal sounds solid.
If I lower the squelch, the signal is solid, but is soo low that the
scanner will break on noise on another channel. I also note that the
mil. air range seems to be very particular to receiver orientation.
(I'm using the rubber duckie that come with my BC-2500xlt).

I don't seem to have this problem in the public service bands. I'm
wondering if its something peculiar with the modularion, the frequency
range or the unit itself?
--

Claude Alan Cartee "I have neither the time nor the inclination to explain
170 W. Tasman Drive myself to a man who rises and sleeps under the blanket
San Jose, CA 95134 of the very freedom I provide...
ccartee@cisco.com ... and then questions the manner in which I provide it"
408 526-7801 -Col Nathan R. Jessep

1890. Looking for aor1500 or 1000

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:41:43 UTC
From: sprynda@news.epix.net
Message-ID: <3h9407$gkc@grape.epix.net>
Source record: 261543

I would to purchase the aor 1500 or the 1000 scanner, new or
used. There was several good deals on the net around christmas; however,
I screwed around to long and they were all gone. Also could somebody
recommened a good catalog that I can order for good scanner and radio
equipment.
Thankx
Sam P

1891. Re: Call for votes: Rec.radio.*.mods

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:44:00 UTC
From: donwood@pop.long-beach.va.gov
Message-ID: <donwood.1142591880A@news.service.uci.edu>
Source record: 261545

In Article <BK.BW.792149562.662824084.gjacek@yvr.cyberstore.ca>, Gary Jacek
<gjacek@yvr.cyberstore.ca> wrote:
stuff deleted...
>
>One man's signal is another man's noise. (sorry ladies)
>
>>Grumbling Wally writes:
>
>> For all of us who'd rather not have to swim through all of the mods
>> from the morons wanting to hear interstellar star energy...
>
>
Gary has it just right. It's great to see a group that helps new people
rather than flame them for asking the same questions over and over. It is
a sign that the group is vital and growing.

Since the messages, for the most part, have subjects "Grumbling Wally"
can skip the "mods" in the same way I skip the ones telling of a great
new freq. in Toronto, Atlanta, or some place else I don't live.

I have enough else to grumble about. ;-}

Don Wood, VA Medical Center (IRM), 5901 E. 7th Street, Long Beach, CA 90822;
Voice: (310) 494-5457, FAX: (310) 494-5853; donwood@pop.long-beach.va.gov
PGP or RiPEM Key via request, finger, or keyserver.
"A closed mouth holds no feet."

1892. Are all Pro-39s Mod'able?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:48:22 UTC
From: donwood@pop.long-beach.va.gov
Message-ID: <donwood.1142592142B@news.service.uci.edu>
Source record: 261546

Are all Pro-39s modifiable or is there a date code
check?

1893. Are all Pro-39s Mod'able?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:48:55 UTC
From: donwood@pop.long-beach.va.gov
Message-ID: <donwood.1142592175C@news.service.uci.edu>
Source record: 261547

Are all Pro-39s modifiable or is there a date code
check?

1894. Re: BC-2500 battery pack

Newsgroup: rec.radio.scanner
Date: 1995-02-08 00:50:33 UTC
From: irvsmith2@aol.com
Message-ID: <3h94gp$7es@newsbf02.news.aol.com>
Source record: 261548

Yes, they can be replaced. The battery size is 4/5 AF. There are 5 in the pack.

Digi-Key has the solder tab 1100 mah 4/5AF rapid charge type for $5.80 each.

The case comes apart fairly easy, with a little paitence.

-=Irv=-

1895. Views/Reviews of PRO-62 wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:05:43 UTC
From: jdjustin@netcom.com
Message-ID: <jdjustinD3nppJ.MwK@netcom.com>
Source record: 261551

In an attempt to remedy my past bad experiences with the BC 200 XLT, I have purchased a PRO-62 Scanner. It has none of the interference problems in the 480 Mhz region that the BC 200 XLT has.

However, I have noticed that it is not as sensitive as the 200 XLT is in the 160-170 Mhz range. In fact, when doing side by side comparisons, the 200 XLT clearly receives signals that don't even break the squelch of the PRO-62.

Has anyone used an external/outdoor antenna with the PRO-62? If so, have you had acceptable results? Also, how does the Pro-43 compare with the Pro-62?

1896. Views/Reviews wanted on Pro-2027

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:10:37 UTC
From: jdjustin@netcom.com
Message-ID: <jdjustinD3npxp.G5@netcom.com>
Source record: 261553

I am wondering whether anyone has experience with the Pro-2027.
I am considering buying one, on clearance for $179. My primary
concern is clean reception at 480 Mhz. I have had bad experience with the
BC 200 XLT and interference in the 480 Mhz band.

In addition, I wonder whether anyone has comments on external/outdoor
antenna combinations with this radio.

Thanks,

Justin
KC6NTA

jdjustin@netcom.com

1897. Re: Does the ramsey 800mhz converter work?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:11:22 UTC
From: hiyall@vnet.net
Message-ID: <3h95nq$jnf@ralph.vnet.net>
Source record: 261549

Rob Henry (ah157@cleveland.Freenet.Edu) wrote:

: I was going to buy the scanner converter by ramsey.
: What does it do? Does it give 800-900 mhz complete coverage?
: How does it work, very well?
: Dows it sound good?
: Please reply via email if possible.,
: Thanks
: Rob

I have been trying to get mine to work I built mine which might be most of the problem. Everything looks OK but it does not work at all. I put a scope on the output from the osc and I could see that but not the output from the transistor. BUT I don't know if I should see something. About ready to buy another transistor..... I talked to another builder who did get it to work a little but only could hear very strong stations. I to would like to hear from anyone who has a working unit.

John Wenzelburger
hiyall@vnet.net

1898. Re: Bearcat 100 bites the dust, how to fix ??

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:24:55 UTC
From: dseitel@crl.com
Message-ID: <3h96h7$7jg@crl11.crl.com>
Source record: 261552

meadows_louis wrote:

> [...] So I pulled it apart to see if anything was loose and could
> not find anything ovious. However when I placed the battery now I
> see the "BAT" indicator, this at least was some progress. [...]

One thing is that it has an exposed wire near the top on either the
left or right, that can touch the batteries. I forget which side it
is on, but you might take a look at that. It is definitely at the top
and is a silver-colored exposed wire. Caused all sorts of "battery"
problems for me.

--
David S. Eitelbach | Jalapeno peppers: 4,000 Scoville heat units.
dseitel@crl.com | Habanero peppers: 300,000 Scoville heat units.

1899. Pro 2006, 2021 Control Signals

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:33:42 UTC
From: sparkis@clark.net
Message-ID: <3h971m$38i@explorer.clark.net>
Source record: 261559
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Would appreciate info on printed circuit board locations where TTL or other logic levels can be tapped to determine such things as presence of active signal (i.e., scanner has stopped in response to received signal), data bank/channel currently sampled, frequency currently sampled.

TIA

Steve

1900. Re: Surete du Quebec

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:37:35 UTC
From: scan911@aol.com
Message-ID: <3h978v$85k@newsbf02.news.aol.com>
Source record: 261561

If anyone finds changes in the Eastern Townships, I'd sure like to know.
I visit every once in awhile.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

1901. PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:38:36 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3h97as$89m$1@adelaide.DIALix.oz.au>
Source record: 261560
Cross-posted to: alt.radio.scanner,rec.radio.scanner

RE: alt.radio.scanner.uk

I VOTE for this one!

It would be good to see scanning from another area than USA.

Matthew
matthew@adelaide.DIALix.oz.au

PS Has anyone thought about a group for
AUSTRALIA....rec.radio.scanner.aus??

1902. Re: Radio Resources on the Internet

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:42:29 UTC
From: scan911@aol.com
Message-ID: <3h97i5$889@newsbf02.news.aol.com>
Source record: 261562

```
>>news:phil.scanner - Scanner topics in the Philadelphia, PA area.

CORRECTION.....

It's phl.scanner, not phil.scanner.

Thanks!

|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
-------------------------------------------------------------------------
Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!
-------------------------------------------------------------------------
```

1903. XLT890 mods?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 01:57:54 UTC
From: pettitt@CSOS.ORST.EDU
Message-ID: <3h98f2$mp3@jadzia.PEAK.ORG>
Source record: 261563

Are there any interesting modifications for the Uniden XLT890?

Thanks,

tom pettit

1904. Re: phila.scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-08 02:01:39 UTC
From: scan911@aol.com
Message-ID: <3h98m3$8i0@newsbf02.news.aol.com>
Source record: 261564

FYI, phl.scanner is a regional newsgroup for the discussion of radio systems and scanning in southeastern Pennsylvania, southern New Jersey and northern Delaware only.

We welcome participation in this newsgroup, but please restrict chatter to that of local interest only.

It's available through major services, too, such as AOL.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
-------------------------------------------------------------------------
Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!
-------------------------------------------------------------------------
```

1905. Re: Houston, TX freqs needed

Newsgroup: rec.radio.scanner
Date: 1995-02-08 02:42:02 UTC
From: pergrim@aol.com
Message-ID: <3h9b1q$93s@newsbf02.news.aol.com>
Source record: 261565

Hi Jerry:

My company, PerCon Corp, has been the leader in FCC Databases on CDROM. PerCon is the official contractor for the FCC Master Frequency Database on CDROM.

We have the following products:

Spectrum - a Scanner Hobbiest Database- $29.95
US Index - Advanced hobbiest/ professional Frequency Database $79.95
Regional - Very Detailed Regional Frequency Database $99.95
Ham/Repeater - Ham Callsign Database w/ Open Repeater -Scheduled for March Release $19.95
Ham Callsign - Also For March $9.95 Per Quarter
Aircraft/Airmen/SDR -Database of all US Aircraft Registrations and Pilot Licenses- Also For March Release $49.95

And More !!!

Contact Chuck Pergrim
PerCon Corporation
4906 Maple Spring/Ellery Rd.
Bemus Point, NY 14712
(716) 386-6015
(716) 386-6013 FAX

1906. Re: Looking for Bismarck, N.D. freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-08 03:50:18 UTC
From: mundahl@plains.NoDak.edu
Message-ID: <D3nxBu.yEB@ns1.nodak.edu>
Source record: 261570

Mike R Mundahl (mundahl@plains.NoDak.edu) wrote:

If anyone has any frequencies for the Bismarck, North Dakota area, I
would appreciate it if you could e-mail them to me asap. Thanks alot!

Mike Mundahl
mundahl@plains.NoDak.edu

1907. BBS's in CA for Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-08 07:26:00 UTC
From: clint.bradford@ectech.com
Message-ID: <9502080031213550@ectech.com>
Source record: 261476

>>I will be in Aniheim next week and wonder if there were
>>any bbs that would acces for scanner enthusiast.

ATTENTION to Details in Riverside, CA has quite a few Scanner/HAM/GMRS files, mods, texts, and programs! FCC Callbook online.

Free access, too!

1-909-681-6221.

1908. Re: Pro43 batt drain?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 08:32:30 UTC
From: randy_ware%nwmail@sparc.ncpa.olemiss.edu
Message-ID: <randy_ware%nwmail.25.00088AF6@sparc.ncpa.olemiss.edu>
Source record: 261480

In article <3gkmk3$o3i@tiger1.ocs.lsu.edu> dbaker@tiger.lsu.edu (David B Baker) writes:
>From: dbaker@tiger.lsu.edu (David B Baker)
>Subject: Pro43 batt drain?
>Date: 31 Jan 1995 00:50:43 -0600

>Has anyone else had the problem of their pro43 draining the batteries
>while the unit is off? I've been messing w/ one that is doing this and
>it's got me mystified. I haven't figured out exactly how much is being
>used when it is off, but mildly weak batteries will be dead in 3-4hrs.
>Is this normal?
>Dave
I have the same problem with mine, I had not heard of anyone else with the
same problem. If I fully charge my 43 and do even turn it on, it will be
completely discharged in 3 days. Now I leave it plugged in on the power jack
if I am not going to use it, and the batteries seem to remain charged.
Randy

1909. UHF frequency receiver

Newsgroup: rec.radio.scanner
Date: 1995-02-08 08:43:50 UTC
From: mnf1000@cus.cam.ac.uk
Message-ID: <3ha086$q94@lyra.csx.cam.ac.uk>
Source record: 261571

I wonder if anyone out there can tell me where to look for a CHEAP UHF receiver. I'm not looking for a scanner (much too expensive), but something that can pick up UK television sound frequencies. Any help gratefully received.

Cheers Malcolm

1910. Re: Spectum display ideas?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 08:47:42 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.126.0008CBD5@ccm.hf.intel.com>
Source record: 261506

In article <robertso.1.0012D4A6@bev.net> robertso@bev.net (Bruce Robertson) writes:

>Does the optoscan 456 (computer control for Pro-2004 , 5 , 6) include
>pseudo SDU on the computer monitor?

That would be a function of the software (Scan*Star, Probe, Scancat etc.)
Since it is not using the IF output, the sweep rate is limited by the scan
rate (about 50 cps).

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1911. Re: phila.scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-08 09:35:34 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.127.0009980B@ccm.hf.intel.com>
Source record: 261437

In article <Pine.SUN.3.91.950207094135.22485A-100000@grape.epix.net> Bill Merrell <wmerrell@grape.epix.net> writes:

>Does anyone know if there is a news group phila.scanner??
>If so is it in the rec. or alt. news group?
>Thanks

There is a group called phl.scanner, but it will be limited distribution. Much like the ba. groups in the San Francisco Bay Area. If you are too far away from Pennsylvania, it is very unlikely that your news site will have this group available. The discussions on the newsgroup are usually confined to Philly area scanner interests, since they also have rec.radio.scanner.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1912. Re: UHF frequency receiver

Newsgroup: rec.radio.scanner
Date: 1995-02-08 10:35:27 UTC
From: hcorn@cix.compulink.co.uk
Message-ID: <D3oG34.80s@cix.compulink.co.uk>
Source record: 261475

```
> I wonder if anyone out there can tell me where to look for a CHEAP UHF
> receiver. I'm not looking for a scanner (much too expensive), but
> something that can pick up UK television sound frequencies. Any help
> gratefully received.
```

How about buying a second-hand black and white portable tv - you should be able to get one for £20 or so? Several years ago some of the Edgware Road electronic hobbyist stores were selling to tuners by themselves - you hooked the output into a VHF FM tuner. But seriously, the old tv set is probably the cheapest, if not the most compact solution.

P

1913. Re: Pro-46 7A3 Code

Newsgroup: rec.radio.scanner
Date: 1995-02-08 10:36:48 UTC
From: marc_k@escape.com
Message-ID: <3ha6s0$gtg@beyond.escape.com>
Source record: 261572

Michael Kenny (Mikek@world.std.com) wrote:
: In article <3guf79$1ihs@usenetp1.news.prodigy.com>,
: Mojo Fox <XCVB98C@prodigy.com> wrote:
: >There is a way to get Cell, but it requires erasing all your channles in
: >memory.
: >Basically it's the test mode:
: >
: >TEST MODE 1. Fill channels 1-25 with test frequences.
: >- -
: >- - - - - - - -
: >
: >Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.
: >
: Thanks, Mr. Mojo. But I couldn't get this to work on my Pro-46. I have a
: newly purchased Pro-46 with a date code of 5A4.

: Here's what I do:

: I have the thing in my hand, turned off. I push the "2" key, then I push
: the "9" key, then I push the "L/Out" key. Then I turn the thing on.

: What it does:

: It starts scanning as if nothing different was going on.

: Did I make a mistake? Has the test code changed? (I have the shop manual
: on order from RS, maybe I'll get the info there?)

: What's a RS-46 owner to do? I'm bored by my cordles neighbors and I want
: to check out the cell bands.

: Can anyone give me a clue?

: Thanks,

: Mikek

Open the damn thing up, find the little board with 5 wires on it, and cut
the brown one..Then the keypad stuff will work.

1914. SYDNEY AUSTRALIA QUERY!!

Newsgroup: rec.radio.scanner
Date: 1995-02-08 12:50:21 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3haemd$3cq$1@adelaide.DIALix.oz.au>
Source record: 261567
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone tell me what channel the NSW POLICE (VKG) use for the SYDNEY AIRPORT AREA?

PLEASE EMAIL ME AT matthew@adelaide.DIALix.oz.au
PREFERABLY BEFORE SUNDAY 12th FEB.

Many Thanks

Matthew

1915. GOLD COAST, QUEENSLAND AUSTRALIA

Newsgroup: rec.radio.scanner
Date: 1995-02-08 12:54:06 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3haete$3ls$1@adelaide.DIALix.oz.au>
Source record: 261765
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Is anyone reading this from the GOLD COAST/TWEED HEADS areas of Queensland/Nsw in Australia?

If so, please EMAIL ME AT matthew@adelaide.DIALix.oz.au ASAP

Im after some on hands info on stuff to listen to in that part of Australia for my upcoming holiday.

Many Thanks

Matt

1916. Re: Call for votes: Rec.radio.*.mods

Newsgroup: rec.radio.scanner
Date: 1995-02-08 13:20:16 UTC
From: Mike Fletcher <fletcher@gate.net>
Message-ID: <Pine.A32.3.91.950208081810.67685A-100000@seminole.gate.net>
Source record: 261581
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

On Mon, 6 Feb 1995, Walter R Francis wrote:

> For all of us who'd rather not have to swim through all of the mods
> from the morons wanting to hear interstellar star energy on their
> garage door opener, let's create some newsgroups for them to whine
> at each other about modding their AM radios to pick up 1.2GHz and
> not being very sensitive..
>
> *grumble*
>
> ---
> Walter _ Alinco 580
> R _ // Wally@POP.UKY.EDU Wally@UKCC.UKY.EDU
> Francis ›X/ Francis@UKPR.UKY.EDU Francis@MIK.UKY.EDU KE4UWN
>
AMEN AMEN AMEN AMEN!!!!!!!!!!!! PLEASE SPLIT SALE,WANT FROM TECH INFO.

MIKEEE>

1917. Re: Pro-46 7A3 Code

Newsgroup: rec.radio.scanner
Date: 1995-02-08 13:26:22 UTC
From: Mike Fletcher <fletcher@gate.net>
Message-ID: <Pine.A32.3.91.950208082237.67685B-100000@seminole.gate.net>
Source record: 261478

On 8 Feb 1995, marc_k wrote:

> Michael Kenny (Mikek@world.std.com) wrote:
> : In article <3guf79$1ihs@usenetp1.news.prodigy.com>,
> : Mojo Fox <XCVB98C@prodigy.com> wrote:
> : >There is a way to get Cell, but it requires erasing all your channles in
> : >memory.
> : >Basically it's the test mode:
> : >
> : >TEST MODE 1. Fill channels 1-25 with test frequences.
> : >- -
> : >- - - - - - - -
> : >
> : >Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.
> : >
> : Thanks, Mr. Mojo. But I couldn't get this to work on my Pro-46. I have a
> : newly purchased Pro-46 with a date code of 5A4.
>
> : Here's what I do:
>
> : I have the thing in my hand, turned off. I push the "2" key, then I push
> : the "9" key, then I push the "L/Out" key. Then I turn the thing on.
>
****** Uz Gotta pusha alla 3 butnz at de same time an hold em in!!!!!!!!!

Lotza luck an keep on scannin....

Mikeee

> : What it does:
>
> : It starts scanning as if nothing different was going on.
>
> : Did I make a mistake? Has the test code changed? (I have the shop manual
> : on order from RS, maybe I'll get the info there?)
>
> : What's a RS-46 owner to do? I'm bored by my cordles neighbors and I want
> : to check out the cell bands.
>
> : Can anyone give me a clue?
>
> : Thanks,
>
> : Mikek
>

> Open the damn thing up, find the little board with 5 wires on it, and cut
> the brown one..Then the keypad stuff will work.
>
>
>

1918. Re: Radio Shack vs. Uniden?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 13:37:41 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3ooIt.JKt@nntpa.cb.att.com>
Source record: 261486
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <Pine.ULT.3.91.950207122553.9003A-100000@selway.umt.edu>,
Peter C Murphy <pm4060@selway.umt.edu> wrote:

>I am thinking of purchasing a handheld scanner. What is the popular
>concensus regarding which brand is better? (Radio Shack or
>Uniden)

Radio Shack scanners are made by both Uniden and GRE (General Research
Electronics).

>I am interested in the Uniden 2500XLT ? (the top line uniden
>handheld) and wonder if it is respected in the scanning arena?

I purchased the new Uniden/Bearcat BC3000XLT from The Ham Station after
thorough testing, and I recommend this model.

The BC3000XLT replaced the BC2500XLT and is more sophisticated.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

1919. PMR walkie-talkies

Newsgroup: rec.radio.scanner
Date: 1995-02-08 13:40:24 UTC
From: an10276@anon.penet.fi
Message-ID: <180510Z08021995@anon.penet.fi>
Source record: 261485

Any suggestions as to where in the PMR band one might find an
establishment using walkie-talkies, to cover a site about one
square mile?

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

1920. Re: ar8000 cellular...

Newsgroup: rec.radio.scanner
Date: 1995-02-08 14:10:54 UTC
From: victors@world.std.com
Message-ID: <D3oq27.EF0@world.std.com>
Source record: 261479

T Vine (tvine@aol.com) wrote:
: lets try this again......if you are interested in learning about a hidden
: asset in the ar8000, email me for info...

Here is the hidden asset for anyone who is interested:
the good folks at
AOR have found a slick way around the cell- block in US versions of the
8000....cellular freqs can be heard loud and clear as images between
1419.9 and 1442.9 mhz. Since sensitivity falls off sharply above 1300mhz
on this unit, I can but surmise that this was an intentional design
feature.

1921. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-08 14:15:39 UTC
From: opp@worldweb.net
Message-ID: <opp-0802951115390001@line106.worldweb.net>
Source record: 261509
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3h97as$89m$1@adelaide.DIALix.oz.au>,
matthew@adelaide.DIALix.oz.au (Matthew Volkmer) wrote:

> RE: alt.radio.scanner.uk
>
>
>
> I VOTE for this one!
>
>
> It would be good to see scanning from another area than USA.
>
>
> Matthew
> matthew@adelaide.DIALix.oz.au
>
> PS Has anyone thought about a group for
> AUSTRALIA....rec.radio.scanner.aus??

I add my vote. I've recently gotten copies of a british scanner magazine called shortwave magazine and it is far superior to our monitoring times and pop com. The advertisements are also interesting because they show numerous scanners that we in the U.S. have never heard of. The magazine is sold on the racks at EEB and cost me two or three dollars each and i bought several back copies they had. Yes, a UK-Scanner group would be great. It might also open up opportunities to buy and/or trade units with UK scanner people.

--
And that's the way it was...

1922. Re: Pro43 batt drain?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 16:43:03 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <3hasan$37a@csnews.cs.Colorado.EDU>
Source record: 261481
Body handling: HTML body converted to readable text

In article ,
Randy Ware wrote:
dbaker@tiger.lsu.edu (David B Baker) writes:
<>From: dbaker@tiger.lsu.edu (David B Baker)
<>Subject: Pro43 batt drain?
<>Date: 31 Jan 1995 00:50:43 -0600
<
<>Has anyone else had the problem of their pro43 draining the batteries
<>while the unit is off? I've been messing w/ one that is doing this and
<>it's got me mystified. I haven't figured out exactly how much is being
<>used when it is off, but mildly weak batteries will be dead in 3-4hrs.
<>Is this normal?
<>Dave

1923. Re: Cops testing new equipment!!!!

Newsgroup: rec.radio.scanner
Date: 1995-02-08 17:28:49 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D3oz81.7rL@freenet.carleton.ca>
Source record: 261495

In a previous posting, Dean Hoisak (am975@FreeNet.Carleton.CA) writes:
reposted from ncf.sigs.radio-scanners as general interest. FYI Ottawa
Police was one of the test police departments for the MDT way back in
about 1980. The equipment was invented by MDI in Vancouver, BC. MDI was
later taken over by Motorola. Other test equipment I have seen in Ottawa
Police cars has been a FLIR pod on the roof, and a HUD display projecting
info onto the windshield... What's next...a JStar a/c????? You can run..
but you can't hide!! Results of the FLIR, well the dogs work as well, and
are cheaper!

> Has anybody been listening to channel 3 or 4 of the ottawa police
> lately. You might have heard then picking off locations around the city
> and determining where a vehicle is in the city.
>
> Well folks they are testing a new GPS(Global positioning System) and
> automatic mapping system. The system is incorporated into a new style
> MDT that sends/receives messages and info about the cop car, such as
> the cars speed, and other important telemetry.
>
> Folks in the West end look out for unit 215 (255 RLY) 2350-13. It is
> equipted with the new GPS system, and new MDT, along with the new
> 800/900 MHz motorola trunked radio. The car has two additional
> antennas behind the roof lights, one for the GPS, and one for the
> radio/mdt/telemetry. The screen for the mdt looks like a 10.5" TFT
> screen seen on notebook computers with function buttons around the
> screen.

> When I saw the equipment in the car at a gas station, I parked less
> than 25 feet away and turned on my Freq Counter to see if the equip
> was in use. I waited for the two officers to use it and I was getting
> readings of 995Mhz and 1050Mhz.
>
> any way keep a lookout and an ear open for more testing on those 2 channels

Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...

--

1924. Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-08 17:31:57 UTC
From: gesman@io.org
Message-ID: <3hav6d$m71@ionews.io.org>
Source record: 261482

I've recently stayed for a week in Ramada Inn in northern path of NY.
What a surprise: I can listen everything what's being spoken about
around tables in a restaurant/bar area! (I proudly owns Yupiteru MVT-7100).
Further listening uncovered, that:
1. Bugs are installed very close to (or in) tables and also in some service
room areas.
2. Bugs are powered from electric light source or similar.
3. Bugs are being turned on mostly on friday-sunday's evenings, when there
are lots of customers.
4. Bugs are transmits on frequencies range: 166 - 210 MHZ FM.
I've detected total 18 different transmitters, which is too much for a
small Inn hotel!

My friend told, that most likely Inn's management listening on their own
employees to avoid free drinks/food for their friends or so.
I'd guess that other Inns doing similar things.

--
Gleb Esman.

1925. Orders from 1-800-wx-bureau

Newsgroup: rec.radio.scanner
Date: 1995-02-08 17:37:09 UTC
From: adye@boi.hp.com
Message-ID: <D3ozLy.JAn@boi.hp.com>
Source record: 261483

Has anyone had any sucess/failure with ordering from 1-800-wx-bureau "Weather Bureau" out of Ann Arbor, MI?

I'm thinking about ordering a scanner from them, but will look elsewhere if their service is poor.

adye@boi

--

Alan W. Dye Hewlett-Packard Company
Phone: 1-208-396-6176 Systems Programmer
email: adye@boi.hp.com Boise Information Technology Center

1926. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-08 17:39:49 UTC
From: caix035@ccsun.strath.ac.uk
Message-ID: <3havl5$f37@rockall.cc.strath.ac.uk>
Source record: 261484
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Sounds like a great idea, a lot of the stuff here is too american to be useful,
and the ham group in Britain is strictly liscenced amateurs only.

Bob

1927. WOW, Cell phones on $30 radio

Newsgroup: rec.radio.scanner
Date: 1995-02-08 17:51:39 UTC
From: balbu@aol.com
Message-ID: <3hb0bb$he2@newsbf02.news.aol.com>
Source record: 261487

I bought my mother a GE radio for Christmas that recieves audio TV so that she could listen to the news while she was in the kitchen. Well, to my suprise if the radio is tunned to the above chan 13 then you hear dozens of cell phone calls. I have also heard police, fire, and even cordless phones on this radio. I know that these must be "images", but they are very strong and very clear. Anybody have any imput on this?
Balbu@aol.com

1928. Who sells the Percon CD Rom

Newsgroup: rec.radio.scanner
Date: 1995-02-08 18:42:44 UTC
From: march@tudor.com
Message-ID: <MARCH.95Feb8134244@bonehead.tudor.com>
Source record: 261488

Does anyone know how to obtain a copy of the Percon frequency list CD-rom? Victor Healey (vhealey@crl.com) mentioned that the person (company?) that sells it is on the net.

If anyone has info, I'd appreciate it.

Thanks!

greg
--

Gregory F. March march@tudor.com

1929. Re: PRO-39

Newsgroup: rec.radio.scanner
Date: 1995-02-08 18:54:40 UTC
From: jevest@vt.edu
Message-ID: <3hb41g$kr6@solaris.cc.vt.edu>
Source record: 261489

To anyone--
I own a Radio Shack (not Realistic) PRO-39. FCC-ID=AA020-303, Serial
it is a keypad-combination-trick, by all means send it!! Thanks! ;)

Please, please , please, PLEASE, e-mail me the info as well...any help would
be greatly appreciated!!! :)

1930. Re: Houston, TX freqs needed

Newsgroup: rec.radio.scanner
Date: 1995-02-08 19:22:13 UTC
From: David Cecil Bond <dcb0002@jove.acs.unt.edu>
Message-ID: <Pine.SOL.3.91.950208132046.21413B-100000@jove.acs.unt.edu>
Source record: 261490

I've got several detailed lists of Houston Frequencies E-mail me at
DCBond@aol.com or dcb0002@jove.acs.unt.edu and I'll hook you up....

1931. Re: TV channels and there frequencies.

Newsgroup: rec.radio.scanner
Date: 1995-02-08 19:22:16 UTC
From: jcarter@orl.mmc.com
Message-ID: <3hb5l8$g9q@theopolis.orl.mmc.com>
Source record: 261492

Someone ask for this

This is a list broadcast and cable television
channels and there frequencies.

Ch. Video Audio
BC 2 55.25 59.75
BC 3 61.25 65.75
BC 4 67.25 71.75
BC 5 77.25 81.75
BC 6 83.25 87.75
BC 7 175.25 179.75
BC 8 181.25 185.75
BC 9 187.25 191.75
BC 10 193.25 197.75
BC 11 199.25 203.75
BC 12 205.25 209.75
BC 13 211.25 215.75
C 14 121.25 125.75
B 14 471.25 475.75
C 15 127.25 131.75
B 15 477.25 481.75
C 16 133.25 137.75
B 16 483.25 487.75
C 17 139.25 143.75
B 17 489.25 493.75
C 18 145.25 149.75
B 18 495.25 499.75
C 19 151.25 155.75
B 19 501.25 505.75
C 20 157.25 161.75
B 20 507.25 511.75
C 21 163.25 167.75
B 21 513.25 517.75
C 22 169.25 173.75
B 22 519.25 523.75
C 23 218.25 221.75
B 23 525.25 529.75
C 24 223.25 227.75
B 24 531.25 535.75
C 25 229.25 233.75
B 25 537.25 541.75
C 26 235.25 239.75
B 26 543.25 547.75
C 27 241.25 245.75

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B 27 549.25 553.75
C 28 247.25 251.75
B 28 555.25 559.75
C 29 253.25 257.75
B 29 561.25 565.75
C 30 259.25 263.75
B 30 567.25 571.75
C 31 265.25 269.75
B 31 573.25 577.75
C 32 271.25 275.75
B 32 579.25 583.75
C 33 277.25 281.75
B 33 585.25 589.75
C 34 283.25 287.75
B 34 591.25 595.75
C 35 289.25 293.75
B 35 597.25 601.75
C 36 295.25 299.75
B 36 603.25 607.75
C 37 301.25 305.75
B 37 609.25 613.75
C 38 307.25 311.75
B 38 615.25 619.75
C 39 313.25 317.75
B 39 621.25 625.75
C 40 319.25 323.75
B 40 627.25 631.75
C 41 325.25 329.75
B 41 633.25 637.75
C 42 331.25 335.75
B 42 639.25 643.75
C 43 337.25 341.75
B 43 645.25 649.75
C 44 343.25 347.75
B 44 651.25 655.75
C 45 349.25 353.75
B 45 657.25 661.75
C 46 355.25 359.75
B 46 663.25 667.75
C 47 361.25 365.75
B 47 669.25 673.75
C 48 367.25 371.75
B 48 675.25 679.75
C 49 373.25 377.75
B 49 681.25 685.75
C 50 379.25 383.75
B 50 687.25 691.75
C 51 385.25 389.75
B 51 693.25 697.75
C 52 391.25 395.75
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B 52 699.25 703.75
C 53 397.25 401.75
B 53 705.25 709.75
C 54 403.25 407.75
B 54 711.25 721.75
C 55 409.25 413.75
B 55 717.25 721.75
C 56 415.25 419.75
B 56 723.25 727.75
C 57 421.25 425.75
B 57 729.25 733.75
C 58 427.25 431.75
B 58 735.25 739.75
C 59 433.25 437.75
B 59 741.25 745.75
C 60 439.25 443.73
B 60 747.25 751.75
C 61 445.25 449.75
B 61 753.25 757.75
C 62 451.25 455.75
B 62 759.25 763.75
C 63 457.25 461.75
B 63 765.25 769.75
C 64 463.25 467.75
B 64 771.25 775.75
C 65 469.25 473.75
B 65 777.25 781.75
B 66 783.25 787.75
B 67 789.25 793.75
B 68 795.25 799.75
B 69 801.25 805.75
B* 70 807.25 811.75
B* 71 813.25 817.75
B* 72 819.25 823.75
B* 73 825.25 829.75
B* 74 831.25 835.75
B* 75 837.25 841.75
B* 76 843.25 847.75
B* 77 849.25 853.75
B* 78 855.25 859.75
B* 79 861.25 865.75
B* 80 867.25 871.75
B* 81 873.25 877.75
B* 82 879.25 883.75
B* 83 885.25 889.75
C 95 91.25 95.75
C 96 97.25 101.75
C 97 103.25 107.75
C 98 109.25 113.75
C 99 115.25 119.75
```

B = Broadcast only
BC = Both Broadcast and Cable
B* = No longer used for television
C = Cable only

1932. Dallas/Fort Worth/Denton Freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-08 19:25:04 UTC
From: David Cecil Bond <dcb0002@jove.acs.unt.edu>
Message-ID: <Pine.SOL.3.91.950208132300.21413C-100000@jove.acs.unt.edu>
Source record: 261491

I'm looking for freqs for the Dallas/Fort Worth/Denton area.... I'm a student at the University of North Texas and fairly new to the area...

1933. Where are the FAQs?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 20:03:34 UTC
From: mmoore@tad.eds.com
Message-ID: <3hb82m$gsc@mloeff01.elec.mid.gmeds.com>
Source record: 261493

I have read several postings regarding tips, tricks and mods for various scanning devices. Could someone please direct me to the Faq, FTP or Web site that might contain these listings? I am specifically looking for tips and tricks related to BC200XLT.

Any assistance is greatly appreciated.

Thanks
Mike

1934. Re: AOR 8000 Squelch Problem?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 20:23:02 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerD3p7AE.Eoy@netcom.com>
Source record: 261496

In article <CCARTEE.95Feb7163601@regal.cisco.com> ccartee@regal.cisco.com (Claude Alan Cartee) writes:
:I am having some interesting 'problems' with the squelch on my
:AOR8000. I have been using it to monitor public service (150Mhz,
:450MHz NFM) and military aircraft (220 - 400 MHz AM). I notice that
:even on a strong mil. air signal the sound seems to come in and out
:like the squelch is on a threshold. It almost sounds like what you
:get when you set up a priority channel and the scanner is off checking
:that frequency (this is just for reference, as I have the priority
:feature turned off.)
:
:If I press the Monitor button on the side, the signal sounds solid.
:If I lower the squelch, the signal is solid, but is soo low that the
:scanner will break on noise on another channel. I also note that the
:mil. air range seems to be very particular to receiver orientation.
:(I'm using the rubber duckie that come with my BC-2500xlt).
:
:I don't seem to have this problem in the public service bands. I'm
:wondering if its something peculiar with the modularion, the frequency
:range or the unit itself?

It isn't specific to your unit. All five AR8000's that I've listened to have this problem. The wider the signal, the more noticable the problem.

1935. BEARCAT 890XLT W/CELLULAR SALE

Newsgroup: rec.radio.scanner
Date: 1995-02-08 20:30:30 UTC
From: jaylgold@crl.com
Message-ID: <3hb9l6$b7u@crl5.crl.com>
Source record: 261497

I have a new Bearcat 890XLT scanner. Nice scanner, in box with manual
and tons of freqs for feds and other interesting freqs. Scans 100
channels per second, backlit display, weather alarm, tons of features,
too numerous to list.
I had the cellular mod done on the main board so it does scan
continuously through the cellular band. Works great. It will also scan
and automatically program your scanner as it recieves transmissions.

$300.00 firm and I pay the shipping.
Jay
Santa Rosa, CA.

p.s. I am selling this scanner because I receive a new handheld as a gift
and don't need 2 scanners. Scanner is mint (brand new).

1936. Re: Pro43 batt drain?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 20:44:53 UTC
From: domonkos@access.digex.net
Message-ID: <3hbag5$532@news1.digex.net>
Source record: 261498

In article <3hasan$37a@csnews.cs.Colorado.EDU>, sternk@alumni.cs.colorado.edu (Kenneth Stern) says:
>
>In article <randy_ware%nwmail.25.00088AF6@sparc.ncpa.olemiss.edu>,
> I had the same problem when I used rechargables. When they finally
>died altogether, I replaced them with Duracells since I had no more
>rechargables lying around. I haven't had to replace the Duracells in two
>to three weeks now of low use.
> I'm wondering if this is the Pro43 or just rechargables in general.
>
> ~Ken

The Pro-43 uses EEPROM for memory so no battery current is used when off. Nicads loose 1% of their charge/day, could that be what you're experiencing? I've since switched to Rayovac RENEWAL rechargeable alkalines and have had EXCELLENT results. You won't be able to recharge them in the unit, you have to charge them in their own special charger, but it's well worth it. If you do switch to the RENEWALs, they claim full charge in 3-5 hours but I've found that full capacity is achieved in about 12 - 18 hoursm, although still useable after 3-5 hours.

Try them, you won't be dissappointed.

Andy

1937. Re: Radio Shack vs. Uniden?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 20:46:56 UTC
From: domonkos@access.digex.net
Message-ID: <3hbak0$532@news1.digex.net>
Source record: 261499

In article <Pine.ULT.3.91.950207122553.9003A-100000@selway.umt.edu>, Peter C Murphy
<pm4060@selway.umt.edu> says:
>
>I am thinking of purchasing a handheld scanner. What is the popular
>concensus regarding which brand is better? (Radio Shack or
>Uniden) I am interested in the Uniden 2500XLT ? (the top line uniden
>handheld) and wonder if it is respected in the scanning arena?

If you want Uniden's latest/greatest, get the 3000XLT; it is the
upgrade from the 2500 and has supposedly improved the triple conversion
front end to be more interference free. Uniden seems to pack more
features for the buck in their units.

Andy

1938. Re: Where to get scanner mod's???

Newsgroup: rec.radio.scanner
Date: 1995-02-08 21:12:49 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3hbc4h$mvf@mailer.fsu.edu>
Source record: 261502

Gary I. Johnson (gij@pop.msn.fullfeed.com) wrote:

: Is there an archive of detailed modifications that can be made to scanners?
: I'm particularly interested in RS Pro-39 mods. Thanks for any help.

Modification article files can be copied from several ftp
sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

| James Naus | For |
| naus@cs.fsu.edu | Rent |

1939. pro-2027 cell mod???

Newsgroup: rec.radio.scanner
Date: 1995-02-08 21:28:47 UTC
From: mturner@tivoli.com
Message-ID: <3hbd2f$efc@tivoli.tivoli.com>
Source record: 261503

The guy at radio shack said that the 2027 can pick up the full 800mhz range and before I buy the unit I was wondering if this was in fact true and if so, what if any, type of mod is required?

Any input/feedback appreciated.

Thanks,
Mike
mturner@tivoli.com

1940. looking for Mcd's!!!!!!!!!!!!!!!

Newsgroup: rec.radio.scanner
Date: 1995-02-08 21:30:59 UTC
From: c002@Lehigh.EDU
Message-ID: <3hbd6j$msn@ns2-1.CC.Lehigh.EDU>
Source record: 261504

heeeello,
i'm looking for the McDonalds headset freq. for
hellertown PA. I'm sure someone out there knows it

thanks

DAvid
|---|
David Roseman	c002@lehigh.edu
SysOp of NODE 3 BBS	The Flying HAm - BBS
Running OBV/2 Software	TechnoMage - BBS
	N3SQE/SVARC - Ham
HAmmy in IRC	N3SQE@N3IQD.FN20GO.PA.USA.NA - Packet

1941. Re: AOR8000 vs MVT-7100

Newsgroup: rec.radio.scanner
Date: 1995-02-08 21:51:47 UTC
From: perryp@iia.org
Message-ID: <3hbedj$96u@ankh.iia.org>
Source record: 261505

Richard McLachlan (Richard@foxfield.demon.co.uk) wrote:
: In article <3gteur$mvu@mrnews.mro.dec.com>
: klimasewski@fccvde.enet.dec.com "My name is Ken" writes:

: >
: > What are the performance differences between them? Is one any better
: > than the other receiving wise? I realize the computer interface is a plus
: > but what about the receiver?
: >
: Having played around extensively with both, I would go for the MVT7100 every
: time. -- The VHF/UHF performance of both is good and the SW performance
: marginal like all scanners, but the Yupiteru is very much more user friendly. A
: good test of any scanner is -can you use most of its' features without ever
: reading the manual. If you can, it is sensibly simple. The MVT7100 passes this
: test easily. The AOR doesn't.

: The Yupiteru also has the performance edge over the AOR, even though it is
: considerably cheaper here.

: Yupiteru manufacturing quality is excellent. AOR is not always so.

: In Europe, the MVT7100 outsells the AR8000 by a factor of 10 or so.

: Richard

I concur with Richard. I have both scanners and find that the
performance of the Yupiteru is much better. The Yupi performs much much
better on HF SSB. I was going to sell the Yupi when I got the AR8000 but
decided to keep the Yupi because it is a much better all around performer.

Paul
perryp@iia

1942. VHF-FM uTrans Schematics?

Newsgroup: rec.radio.scanner
Date: 1995-02-08 22:06:26 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Feb8.160626.7031@driftwood.cray.com>
Source record: 261507
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.scanner,sci.electronics

Would anyone happen to have a schematic for a low power VHF-FM micro transmitter? (Or know of a web/ftp site where I could find one?)

Thanks-in-advance.

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

1943. Re: Looking for aor1500 or 1000

Newsgroup: rec.radio.scanner
Date: 1995-02-08 23:37:41 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950208183322.26106C-100000@umbc8.umbc.edu>
Source record: 261508

On 8 Feb 1995, Sam Prynda wrote:

> I would to purchase the aor 1500 or the 1000 scanner, new or
> used. There was several good deals on the net around christmas; however,
> I screwed around to long and they were all gone. Also could somebody
> recommened a good catalog that I can order for good scanner and radio
> equipment.
> Thankx
> Sam P
>
>
>

Electronics Equipment Bank of Vienna Virginia.
Phone # (703)938-3350. I was there last week and they still had a shelf
full of the AOR 1000's and the Fairmate HP-2000 (identical to the AOR 1000)
if i remember the price it was $360.00 or so. Tool free order # is (800)
368-3270.
-G N3OYR

1944. Re: Air/ship

Newsgroup: rec.radio.scanner
Date: 1995-02-08 23:55:26 UTC
From: jsmithh@cix.compulink.co.uk
Message-ID: <D3pH4F.3p6@cix.compulink.co.uk>
Source record: 261510

Frequency 134.900 MHz is used by the Dover Sector at the London Area and Terminal Control Centre at West Drayton. This sector handles the majority of Airways traffic over North Kent/South London above FL155. The transmitter sites are at Swingfield (5 miles West of Dover) and Warlingham (8 miles West of Biggin Hill) and are offset by minus and plus 5 KHz, respectively, to prevent hetro.

Jonathan Smith
London Luton Air Traffic Control

1945. Re: RCS..

Newsgroup: rec.radio.scanner
Date: 1995-02-08 23:55:31 UTC
From: jsmithh@cix.compulink.co.uk
Message-ID: <D3pH4J.3q0@cix.compulink.co.uk>
Source record: 261511

I understand from a very reliable source that the old 155 MHz freqs. have been replaced by a digitally encrypted system in some areas and with cellphones in others!

Jonathan Smith
London Luton ATC

1946. Re: UHF frequency receiver

Newsgroup: rec.radio.scanner
Date: 1995-02-08 23:55:34 UTC
From: jsmithh@cix.compulink.co.uk
Message-ID: <D3pH4M.3qr@cix.compulink.co.uk>
Source record: 261512

Why not by a v.cheap telly?

Jonathan Smith
London Luton ATC

1947. Pomona CA FREQ'S ??

Newsgroup: rec.radio.scanner
Date: 1995-02-08 23:57:40 UTC
From: mineer@nevada.edu
Message-ID: <3hblpk$8av@news.nevada.edu>
Source record: 261375

Is there anyone out there willing to send me some FREQ'S for the Pomona valley area??? PLEASE???

Steve :-)

1948. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-09 00:23:50 UTC
From: cremer@delphi.com
Message-ID: <9502081923591.DLITE.cremer@delphi.com>
Source record: 261513

Vic Healey wrote:
>The reason this scanner rejected your frequencies is that you overlooked
>the requirement that the frequency must be divisable by step size. Ie the
>step size must be a factor of the desired frequency. Do the math on what you
>tried and see if I am not correct.
>
>ki4je

You are not correct. 470.3625MHz divided by 25KHz is a nice and even 18,814 with a .5 offset. Maybe it don't like the offset, but the other band comes out even. Cook County F1 155,595MHz divided by 15 KHz is 10373.0 and the AR8000 wouldn't take it untill I changed the step to 5KHz. Come to think of it, dividing 470.3625 by 5 still leaves a .5 offset, but the machine liked it just fine. Go figure.

1949. Re: Found: computer-controlled "scanner" (< 0)

Newsgroup: rec.radio.scanner
Date: 1995-02-09 00:40:32 UTC
From: convict@pipeline.com
Message-ID: <3hboa0$d3k@pipe2.pipeline.com>
Source record: 261514

hpeach@pop.uky.edu (Harold G Peach Jr) wrote:

>Has anyone played with one of these FM radio cards?

>Harold
>hpeach@pop.uky.edu

I bought one. Have it hooked up. It's reception isn't very
good. But that could very well be just because it's in a office
with three different computers on a desk 3'x12'. I'm going to
return it but if it can be modified I'm game...
The company that makes it is

Novex Technologies, INC.
7625 E.51st Suite 201
Tulsa, OK 74145

I'll be listening around...

David Blake

1950. REQ: So Cal railroad freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-09 01:07:34 UTC
From: jack.c.kobzeff@jpl.nasa.gov
Message-ID: <jack.c.kobzeff-0802951707340001@jackmac.jpl.nasa.gov>
Source record: 261515
Cross-posted to: rec.railroad,rec.radio.scanner

Could someone post a list of current UP, SP and SF frequencies in the Los Angeles and surrounding areas? My list seems to be out of date.

Thanks in advance.
--
Jack Kobzeff ----- jack.c.kobzeff@jpl.nasa.gov

1951. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-09 02:14:59 UTC
From: knob@netcom.com
Message-ID: <knobD3pnKz.3FE@netcom.com>
Source record: 261516

In article <3h90br$jce@tattoo.sccsi.com>, Pat Talbot <ptalbot@sccsi.com> wrote:
knob-:>How about the 11A4? I have the PRO-51 with that date code..
knob-:>
knob-:>Steve
knob-:
knob-:I am hearing nasty things about post 10A4 dates on *some* scanners - that
knob-:they have a CPU blockout of some sort placed on them that renders them
knob-:non-modifiable. I do not know first-hand if this is true, and I am
knob-:trying to get more information from helpers here in this newsgroup. I
knob-:would like to find out if the CPU blockout is real, and if *no* internal
knob-:modification is possible at all. Also would like to know which date
knob-:codes and models are affected. Anybody know???? Thanks in advance for
knob-:anyones input...

I believe it's true; anything newer than 8A4 (inclusive) is NOT
modifiable, at all (short of reprogramming the CPU I suppose).

--
-=-
knob@netcom.com KNOB! '93 Corvette for sale
Finger knob@netcom.com for more info...
-=-

1952. Re: Cop-talk

Newsgroup: rec.radio.scanner
Date: 1995-02-09 03:28:44 UTC
From: robert@eden.com
Message-ID: <3hc25c$4gg@boris.eden.com>
Source record: 261517

well if it helps.. I usually means Informant and C usually means confidential
around here they refer to them as CI.. which is confidential Informant
but i guess there it could be IC informant confidential?

1953. Re: PRO-39

Newsgroup: rec.radio.scanner
Date: 1995-02-09 03:31:27 UTC
From: robert@eden.com
Message-ID: <3hc2af$4gg@boris.eden.com>
Source record: 261518

cellular mods for pro 39 is to remove the D6 diode

1954. Restaurant Pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-09 03:39:42 UTC
From: robert@eden.com
Message-ID: <3hc2pu$4gg@boris.eden.com>
Source record: 261519

What frequencies are these things on. They give you one when you give the number in your party.. they are small square white boxes that vibrate several pulses when they set it off. I'm pretty sure it's high band.

1955. Car Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-09 03:48:30 UTC
From: wgow@chattanooga.net
Message-ID: <wgow-0802952248300001@porta15.chattanooga.net>
Source record: 261520

I'm looking for an external scanner antenna for my car, but don't want a big fat magnet based object on top of my sports car. It seems no one makes these antennas in a lug or standard 3/8 24 TPI mounts! Any sources or suggestions would be great!

Sam

1956. None (mail relay)

Newsgroup: rec.radio.scanner
Date: 1995-02-09 05:12:33 UTC
From: PGUNN@alkali.otago.ac.nz
Message-ID: <16DD525678A@alkali.otago.ac.nz>
Source record: 261521

[No readable article body recovered]

1957. RS Pro-51 for sale.

Newsgroup: rec.radio.scanner
Date: 1995-02-09 05:26:54 UTC
From: schumann@crl.com
Message-ID: <3hc92u$8e9@crl11.crl.com>
Source record: 261522

Essentially unused (about 20 hours). With box, docs, and batteries.

US$250.00, or let's talk.

James C. Schumann
KE6DMY

1958. Re: What are the Uniden BC2500XLT freq. ranges?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 06:15:14 UTC
From: dmathews@netcom.com
Message-ID: <dmathewsD3pypE.285@netcom.com>
Source record: 261523

David Yee (dyee@lynx.dac.neu.edu) wrote:

: I am considering the purchase of a Bearcat 2500XLT.
: I know it is advertised as going from 25MHz to 1300MHz,
: but can anyone tell me what the blackout bands are on this
: scanner?

Two ranges... Cellular 869-893 and 550-760. So it's "almost"
continuous coverage. I don't know how they can advertise that. The
battery life is terrible too because of the amount of amperage this thing
draws.

Can someone make a text file on the mods for the 855 XLT? My boss
keeps buggin' me to mod his, and the usual sites don't have the mods to
this scanner!

Thanks!

Dave

1959. Re: WOW, Cell phones on $30 radio

Newsgroup: rec.radio.scanner
Date: 1995-02-09 07:24:43 UTC
From: mulligan@ACM.ORG
Message-ID: <3hcfvr$2ks@hopper.acm.org>
Source record: 261524

balbu@aol.com (BAlbu) wrote:
> ... above chan 13 then you hear dozens of cell phone calls. I have
> also heard police, fire ...

In 11 major metropolitan areas the frequencies for TV chs 14-20 (470 - 512 Mhz) are available for allocation for land mobile use, primarily by public safety agencies. The 'cell phone calls' you heard were probably calls patched from mobile units through their dispatch repeater system.

/* barry /&

1960. Antenna rotors, whats the difference?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 07:31:55 UTC
From: ncschult@saturn.acs.oakland.edu
Message-ID: <ncschult.792315115@saturn.acs.oakland.edu>
Source record: 261557
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am putting up a beam antenna this spring, I started looking at rotors
for the mast, I'm not intrested in the high dollar ones but what is the
difference between the lower priced models (R.S. Grove ect.)

Thanks for any suggestions, Neil

--

--N.C.Schulth
eiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

1961. Re: RS Pro 46 Modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 07:51:25 UTC
From: marc_k@escape.com
Message-ID: <3hchhu$3d9@beyond.escape.com>
Source record: 261575

If you are finding a freq of 857.xxx in channel 23 instead of 888.960,
then do the following..
press 2-9-band, and turn the radio on. The whole display should go on.
While the display is on, hit 2-9-lockout...hold it a few seconds.
Release them, then check Channel 23...it should now say 888.960.
Good luck

1962. PC&Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-09 08:16:51 UTC
From: salmaima@unlinfo.unl.edu
Message-ID: <3hcj1j$2p9@crcnis3.unl.edu>
Source record: 261576

I'm just wondering if there is a computer program and interface card
that can simulate scanner in a PC. Thank you.

1963. STS-63 and NASA tv???

Newsgroup: rec.radio.scanner
Date: 1995-02-09 09:24:51 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3hcn13$1c5h@tiger1.ocs.lsu.edu>
Source record: 261577

Our local cable operator has neglected to add NASA tv to it's
channel lineup during shuttle missions (something it has done for
sporting events in the past).But the bottom line is: I can't find
a way to watch NASA tv...
I understand (maybe not correctly) that , like the audio from HOUSTON
(which I AM able to get on the local HAM repeater), the VIDEO may
be retransmitted. I have seen text files on the subject that mention
rebroadcasts on channel 58 of a cable ready tv, as well as
one of the OSCAR sats repeating the signal.

My question is this: can someone clarify this for me?

If anyone can help me figure out if it's possible for me to pickup
the NASA tv signal from SOMEWHERE other than a cable company,
I'd certainly appreciate the help!

Dave

email: dbaker@tiger.lsu.edu

1964. Re: BEARCAT 890XLT W/CELLULAR SALE

Newsgroup: rec.radio.scanner
Date: 1995-02-09 09:55:49 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <D3q8x1.E30@freenet.carleton.ca>
Source record: 261579

$300? Forget it folks....Y'all can buy a N-E-W 890 XLT for
$284.99 from Scanner World in Albany NY.
--
Life's to short to worry... :)

1965. British Rail

Newsgroup: rec.radio.scanner
Date: 1995-02-09 10:30:28 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6320@rook.ukc.ac.uk>
Source record: 261582

Do BR have a PMR system?
Many stations have a big thing, looks like an aerial, sort of a U shape on a big stick.
One guide suggests that they have a freq around 106, but obviously that is a bit awkward, right in the broadcast band.
Scanners 3 has another freq in the 68-88. but it always seems dead.

1966. For sale - Radio Shack pro 2026 scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-09 11:04:17 UTC
From: pbkd6aw@powergrid.electriciti.com
Message-ID: <pbkd6aw.28.000B129F@powergrid.electriciti.com>
Source record: 261596

Scanner is in excellent condition and is set up for celliar phone reception.
Price $125. postpaid. Please reply via e mail
pbkd6aw@powergrid.electriciti.com or call me at 619-442-2608

Thanks,
Paul Babcock KD6AW

1967. <ad> GUARANTEED CREDIT REPAIR BY LAW FIRM

Newsgroup: rec.radio.scanner
Date: 1995-02-09 11:09:46 UTC
From: ccapc@cyber.sell.com
Message-ID: <3hct5q$sqh@panix.com>
Source record: 261580

Consumer Credit Advocates, PC
11 Pennsylvania Plaza, Suite 2101
New York, NY 10001
(212) 629-5261 (telephone) (212) 629-4762 (fax)
E-MAIL: ccapc@cyber.sell.com

Our LAW FIRM offers direct guaranteed effective credit restoration services by experienced attorneys. THIS IS NOT A DO-IT-YOURSELF KIT.

What can we do?

We have successfully facilitated the removal of Late Payments, Charge-offs, Foreclosures, Repossessions, Collection Accounts, Loan Defaults, Tax Liens, Judgments and Bankruptcies from our clients' credit reports. WE GUARANTEE THAT YOUR CREDIT CAN BE RESTORED!!!

Who needs our services?

Anyone who has experienced the inconvenience and embarrassment of being turned down for a credit card, a lease or a purchase of an automobile.

Anyone who is unable to buy the house of their dreams due to denial of a mortgage application or who has to pay thousands of dollars more in mortgage interest than someone with good credit.

Anyone who has been turned down for a job or promotion due to derogatory credit items on a credit report.

Anyone in business who has lost a deal because a person or firm wanted to see his/her credit report before doing business.

Anyone who has been unable to establish credit.

THE FOUR GREAT MYTHS OF CREDIT:

Myth #1: It is illegal or immoral to have your credit report cleared.

Fact: It is not illegal nor immoral. In fact, that is what the Fair Credit Reporting Act is all about. The act was enacted by Congress in 1971. One of its purposes as to give consumers the protection of the law and to help guard against

any unwarranted invasion of a consumer's right to privacy.

Myth #2: The information on a credit report cannot be changed.

Fact: Actually, the opposite is true under the Fair Credit Reporting Act. Federal and State laws require that items be removed if they are not 100% accurate or cannot be verified in a timely manner.

Myth #3: It is impossible to get a bankruptcy off a credit report.

Fact: Bankruptcies can come off credit reports like any other derogatory item. The nature of the derogatory item has nothing to do with its removal under the Fair Credit Reporting Act.

Myth #4: Credit Reporting Agencies are empowered with some kind of governmental authority.

Fact: Absolutely Not!! They are simply large corporations whose primary goal is to make a profit like any other business.

If you have ever applied for or received credit, a file exists in one or more of the credit bureaus. These companies collect, store and distribute as much credit information as they can find, retaining negative information on a credit report for 7 to 10 years. This information is evaluated by potential creditors to determine your credit worthiness.

Credit reporting agencies are in business to protect the interests of the creditors. the LAW FIRM's goal is to help and protect the individual consumer from inaccurate credit reporting.

The president of our LAW FIRM has been practicing consumer law since 1984. The staff of our firm has successfully processed, disputed and challenged thousands of client credit reports.

Our legal fee is based o the number of negative items that appear on a client's credit reports, issued b the three national credit bureaus. Our retainer agreement offers a MONEY BACK GUARANTEE stating that if any negative item is not deleted, upgraded or corrected from a client's credit file, it will give the client a full refund for that item or continue to process the client's file at no additional fee until that item is

corrected, upgraded or deleted. THE ONLY THING YOU HAVE TO LOSE IS YOUR BAD CREDIT!!

PLEASE CONTACT THE LAW FIRM AND LEAVE YOUR FULL NAME, MAILING ADDRESS AND TELEPHONE NUMBER SO WE MAY FORWARD FURTHER INFORMATION AND INSTRUCTIONS TO YOU ABOUT OUR SERVICE.

Consumer Credit Advocates, PC
11 Pennsylvania Plaza, Suite 2101
New York, NY 10001
(212) 629-5261 (telephone) (212) 629-4762 (fax)
E-MAIL: ccapc@cyber.sell.com

1968. Re: Antenna rotors, whats the difference?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 11:43:11 UTC
From: wolfie@telerama.lm.com
Message-ID: <3hcv4f$r3h@india.lm.com>
Source record: 261766
Cross-posted to: alt.radio.scanner,rec.radio.scanner

to put it very simply, larger (read that more expensive) rotors rotate
larger antennas.
I use a pair of large tv antennas on a 6 ft. spreader, and the rotor from
Rat-Shack works just fine- been using it for over 2 years now.

N C Schultheiss (ncschult@saturn.acs.oakland.edu) wrote:
> I am putting up a beam antenna this spring, I started looking at rotors
> for the mast, I'm not intrested in the high dollar ones but what is the
> difference between the lower priced models (R.S. Grove e...
--
* This be from Wolfie, Pittsburgh.PA *
* International Order of Old Bastards #982442 *
* =o&>o On The Web: http://www.lm.com/~wolfie *

1969. Cellular mod for BC220XLT?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 12:09:45 UTC
From: jtheoret@ireq.hydro.qc.ca
Message-ID: <D3qF4A.EJC@ireq.hydro.qc.ca>
Source record: 261569
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone know the difference between the BC220XLT and BC200XLT? I know there is a mod available for cellular for the 200. Is this mod also applicable for the 220? If it's not the same, can someone tell me where the mod is available?

Thanks in advance

1970. Re: Can the newer Pro-2030's be modified for cellular?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 12:23:44 UTC
From: chiefengr@aol.com
Message-ID: <3hd1gg$so@newsbf02.news.aol.com>
Source record: 261583

I purchased a Pro 2030 in December. It had a manufacturers date code of April 94. I was able to enable 800 mhz by clipping a single wire. I found the mod here.

1971. Radio Resources on the Internet

Newsgroup: rec.radio.scanner
Date: 1995-02-09 13:37:28 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.128.000DA03D@ccm.hf.intel.com>
Source record: 261600

```
Here are the latest additions and corrections.

Radio Resources on the Internet (URL format)

Please send updates and corrections to:
brett_miller@ccm.ut.intel.com

World Wide Web (URLS)
---------------------
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://rever.nmsu.edu/~weasel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.mit.edu:8001/activities/wmbr/otherstations.html - Radio stns on Internet
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggings
http://www.demon.co.uk/javiation
http://usis.com/~odium/ - scanner stuff, hacking, etc.
http://ripco.com:8080/~glr/glr.html - Glen Roberts Full Disclosure
http://www.analysys.co.uk/commslib.html - many links to comms & telecomms sites
http://shrine.cyber.ad.jp/~jwt/hamradio.html - Nice Ham page, USA, Canada, Japan
http://www2.ncsu.edu/unity/users/j/jwprice/.index.html

FTP (URLS)
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ftp://ftp.cdrom.com/pub/hamradio/
ftp://oak.oakland.edu/pub/hamradio
ftp://ham.eetech.mcgill.ca/pub/ham-radio
ftp://bubba.business.uwo.ca/mods
ftp://garfield.catt.ncsu.edu/pub/hamradio
ftp://ftp.sunet.se/pub/radio
```

ftp://ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
ftp://mgate.arrl.org ARRL FTP site
ftp://ftp.cs.buffalo.edu/pub/ham-radio
ftp://ucsd.edu/hamradio
ftp://unbc.edu/ampr
ftp://tandem.com/hamradio
ftp://nic.funet.fi/pub/ham and /pub/dx
ftp://ftp.demon.co.uk/pub/ham/mac - MAC stuff
ftp://grivel.une.edu.au/ham-radio
ftp://rtfm.mit.edu/pub/usenet/news.answers/ham-radio - Radio FAQs
ftp://ftp.qrz.com/qrz - QRZ CD-ROM files (no callsign database)
ftp://archive.afit.af.mil/pub/space/amateur.tle - Keplerian Elements
ftp://ftp.crl.com/users/ro/vhealey/www (use WWW viewer for HTML docs)
ftp://scitsc..wlv.ac.uk/pub/hamradio - UK ham radio stuff, buffalo mirror
ftp://ftp.iea.com/pub/borg/hdn - Ham Distribution Network site
ftp://wb3ffv1.sed.csc.com/ham

E-Mail servers (URLS)
---
mailto:ftpmail@exchange.tlh.fl.us - get INDEX.TXT
mailto:qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
mailto:callbook@n8emr.cmhnet.org - Callsign server
mailto:wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mailto:mail-server@rtfm.mit.edu - put help in the message body
mailto:rccons!fileserv@telerama.lm.com - All Ohio scanner club.type: GET AOSCINFO.ZIP

Gopher (URLS)
---
gopher://gopher.switch.ch /11/misc/faq/faq-dir FAQs
gopher://hamster.business.uwo.ca (129.100.89.100)
gopher://gopher.cic.net /11/e-serials/general/radio
gopher://scitsc.wlv.ac.uk /11/pub/hamradio
gopher://yfn.ysu.edu /11/public/sigs/ham
gopher://gopher.fcc.gov

USENET (URLS)
---
news:alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
news:alt.cellular - (I've never seen any cellular related traffic yet)
news:alt.radio.pirate - Pirate radio station topics
news:rec.antiques.radio+phono - Antique radio & phono topics
news:rec.radio.amateur.antenna - Antenna related topics
news:rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
news:rec.radio.amateur.misc - Main newsgroup for Ham radio topics
news:rec.radio.amateur.digital.misc - Digital communications (including Packet)
news:rec.radio.amateur.homebrew - Make your own radio equipment
news:rec.radio.amateur.packet - (not used any more?)
news:rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
news:rec.radio.amateur.space - Ham radio & space communications
news:rec.radio.broadcasting - AM & FM broadcasting
news:rec.radio.scanner - Monitoring above 30 MHz

news:rec.radio.shortwave - Monitoring below 30 MHz
news:rec.radio.swap - radio related sales & swap topics
news:rec.radio.cb - Citizens Band Radio topics
news:rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)
news:phl.scanner - Scanner topics in the Philadelphia, PA area.

MAILING LISTS
---
rccons!rec@telerama.lm.com -Western Pennsylvania scanner mailing list

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

1972. Re: Space shuttle?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 13:59:50 UTC
From: julian@kesteven.win-uk.net
Message-ID: <497@kesteven.win-uk.net>
Source record: 261589

In article <1995Feb6.175021.3811@nameserver.pwfl.com>, Francis Smith 407-796-2277 (smithfc@nameserver.pwfl.com) writes:
>I received some transmissions on 471.3 Sunday morning that sounded
>a lot like the shuttle. Can anyone confirm this?

In the UK, this is UHF Band V TV channel 21. Is this anything like the USA?, if so, your local station may have been relaying the shuttle mission (now into its 6th day).

Julian.

1973. Re: British Rail

Newsgroup: rec.radio.scanner
Date: 1995-02-09 14:23:09 UTC
From: cmartin@cix.compulink.co.uk
Message-ID: <D3qLAL.LL2@cix.compulink.co.uk>
Source record: 261585

I saw a message recently which said BR cabs communicate on frequencies
between 196.9MHz and 206.3MHz.
The UK Scanning Directory says 196.85MHz to 198.3MHz 50kHz spacing.
Not found much myself yet although I'm a bit in the wilds here

Chris

1974. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-09 14:41:03 UTC
From: atl94@ecs.soton.ac.uk
Message-ID: <3hd9hv$b5e@bright.ecs.soton.ac.uk>
Source record: 261535
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'd certainly vote yes, but would a uk.radio.scanner get a wider distribution?

Andrew
--
+=-=-=--Andrew Loukes--=-=-=-=-=-=-=--atl94@ecs.soton.ac.uk--=-=-=-+
| 1st Year Electronics, Southampton University |
+=-=-=-=-=-=-=--http://whig.ecs.soton.ac.uk/~atl94--=-=-=-=-=-=-=-=+

1975. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-09 14:43:13 UTC
From: matt@ua.nsw.ac.uk
Message-ID: <matt.8.000EB8D6@ua.nsw.ac.uk>
Source record: 261587
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Sorry, but I _don't_ vote for this. Fragmenting the group would mean some people might miss interesting/important info (eg Bob Parnass's reviews) that could be of interest to 'UK' readers too.

Also, some sites newsfeeds (mine included) don't get all the alt. groups. (ok ok I can hear some of you saying 'so what are you bothering about!?)

Matt

1976. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-09 14:50:19 UTC
From: atl94@ecs.soton.ac.uk
Message-ID: <3hda3b$b5e@bright.ecs.soton.ac.uk>
Source record: 261536
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Andrew Loukes (atl94@ecs.soton.ac.uk) wrote:
: I'd certainly vote yes, but would a uk.radio.scanner get a wider distribution?

Come to think of it - that was a rather stupid point ;-)
After realising that several responses have been from the US and Austrailia it seems that other
people are interested.....

Andrew

--
+=-=-=--Andrew Loukes--=-=-=-=-=-=-=--atl94@ecs.soton.ac.uk--=-=-=-+
| 1st Year Electronics, Southampton University |
+=-=-=-=-=-=-=--http://whig.ecs.soton.ac.uk/~atl94--=-=-=-=-=-=-=-=+

1977. FOR SALE/TRADE

Newsgroup: rec.radio.scanner
Date: 1995-02-09 15:26:01 UTC
From: lwf69@aol.com
Message-ID: <3hdc69$27b@newsbf02.news.aol.com>
Source record: 261586

I have for sale/trade (1) like new, pre-banned Icom IC-R1 receiver w/full coverage, and (1) Startek ATH-30 Frequency Counter w/Auto Lock & Hold, that I would like to either sell or trade for an MVT-7100 or AR-8000.

Please mail LWF69@AOL.COM

1978. SW Radio Reviews (LONG - 65K)

Newsgroup: rec.radio.scanner
Date: 1995-02-09 15:52:32 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <3hddo1$bkb@hubcap.clemson.edu>
Source record: 261590
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Grundig YB-500 (RDS Only)
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-350
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1

Sony SW-15
Sony SW-55
WATKINS-JOHNSON HF-1000

****

Grundig YB-500 - 1

I was looking at the Grundig Yacht Boy 500 recently because of its having RDS - I suspect that the RDS on the Satellit 700 is similar / identical. It has a diagnostic feature where you key something like 1-2-3-4-5 before switch on. It then will read various details of the RDS - like PI, TA, TP and also the RDS "quality".

But it does not use any of these features. It displays the PS - station name - but I am not sure if it uses the AF automatic retuning of RDS. It display the Travel News flags TA & TP in diagnostic but does not use it at all.

There is a clock on the radio but it is not updated from the RDS CT clock. Its a great pity that a bit more thought had not been put into the design. Incidentally this diagnostic function is present on some car radios, usually needs a series of key presses to get into the mode.

I ended up getting the new Sony RDS radio - its not a SW radio just VHF/MW/LW I was quite disappointed with the design of that also and wrote to Sony in Japan - they confirmed my suspicion that it was designed in Japan where they have no RDS !

It does update its clock from CT though. Also uses the TA/TP flags to allow you to get Travel News from another channel.

They do not have fully automatic returning using AF but you push a button to step through the various Alternative Frequencies.

I was most disappointed by its not fully using EON (Enhanced Other Networks), it has it so that it can retune to another station for Travel News. But I was hoping that I would be able to tune one memory to BBC Radio 2 in a new town and the other 4 memories would be loaded with the local frequencies for Radio 1, 3, 4 etc using EON. But it doesn't.

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but
are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home

(no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year
now and am really pretty happy with it.

Advantages: Size - Measuring approximately
4 3/4 x 2 5/8 x 1, you can take this little
mini anywhere! Even slip it into your shirt
pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m,
25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals,
no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The
SW sensitivity is quite good for my area of the
country, Cleveland, Ohio. The speaker has a nice sound
and improves thru the earphones. FM stereo thru
headphones is great! MW DXing is surprisingly
good! I can grab signals from Boston, Chicago,
New York and Cincinnati much better than on my
Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun
to fiddle with or take for travel when you're in
a pinch. Radio Shack has discontinued this model
so you might be able to find it on sale for around
$50.00. I love the size! Ideal for travel! I'm
beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-350 - 1

I bought this radio when I first started out in shortwave listening because it was the cheapest thing at Radio Shack. I think I paid $60 for, but I'm pretty sure the price has gone down since then.

Nowadays I mostly use it as my travel radio. Sesnitivity is okay for the price, but not too great. When I'm at home (western US) I can pick up the major international broadcasters, but no too much else. On my trips back East, I've found sensitivity picks up some, but it's still only fair.

Performance on the AM and FM bands is average, but longwave seems to be nearly useless. I've never heard any nav beacons on this one, even though there are several near my house.

Radio Shack sells a reel antenna for about $8, and I picked one of these up when I bought my radio. It helps reception a little, but not very much. A much better solution is to wrap a stripped end of a wire around the the whip antenna, and attach the other end to a metal windowframe. I've tried connecting my longwire to it, but that just overloads the receiver (not surprising).

One major problem that I've noted is that the dial markings on some shortwave bands seem to be off by up to 10 kHz. If you know about it, it's not much of a problem to work around, but initially it could be quite confusing.

Overall, this receiver is average for its price. There's no real surprises, either good or bad. If you really want an inexpensive radio, go for this one. Otherwise, I would advise saving your money and going for an inexpensive digital radio.

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a rebate. For the price I think I got a good deal. It has digital tuning and direct input of frequencies which allows tuning to be a pretty simple job and not a time consuming act of patience. It uses two C type batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in the front or side pocket of an average sized backpack. It is just great when you are walking back home from school/work ... it can be easily carried in one hand as you catch up on the news from BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep with music... the FM sound is pretty good in stereo (headphones)... The AM reception is also fairly good but it has a very high tendency to catch those Bible bashing stations...probably a reflection of the region where I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify
this. I bought it on sale from Radio Shack for the
bargain price of $129.95! It regularly retails for
$179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380
is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even
better! I read another review that said reception was lousy....I think
that individual should check his particular receiver as he might have
the rare defective unit. MW reception is also outstanding and with a
Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up
Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the
select-a-tenna! With the S-A-T reception gets an added boost!
(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like
something smaller, like the 606. This size, however is fine. I've
carried hardbound books on jets that are larger. The many features
makes up for it's slightly larger size over a mini. It does not have
SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought
it for the price of $179.95. There are other radios in that price
range that ive ya more bang for the buck. At $130.00, it's a great
deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some
of my experiences. First of all, I would pay the extra to get the

390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells) They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making

this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery. I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be

completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is

activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still don't know why Radio Shack discontinued it. If you're looking for a good starter shortwave radio and can still find one laying about at a Radio Shack store priced to move, GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee and I did not know if I would like the hobby or the radio. Good points: direct-entry tuning, 36 station memories, fairly small so it is easy to travel with, speaker sound was good, reception was okay, but improved dramatically with the addition of the Radio Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning steps, only major broadcast bands tunable (large gaps between bands), selectivity not so good, no fine tuning, no BFO, no SSB

or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable
for under $200. However, I accidentally crossed paths with a
Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a
local store and had to check it out. It is an analogue set, but
since I got a 30-day return policy on it, what the heck? Good
points: analogue tuning so no problem with confining 5kHz
tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK
and Sangean away with the number of stations I picked up, good
selectivity (no fine tuning knob - all you need to do is turn
the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small
whip antenna (only 18"), addition of Radio Shack rollup
longwire increased sensitivity even more, great low price (if I
lose it or its gets destroyed, no problem replacing it), tuning
bands are wider than the major broadcast bands, so you do get
some utilitiy reception as well as WWV, AM and FM are really
sensitive while FM goes from 76mHz to 108mHz so I can pick up
some TV as well. Bad points: frequencies cover only seven
broadcast bands (I can live with that, though), only monaural
earphone included (however, you can get a $1.39 mono to stereo
headphone plug), no BFO for SSB or CW, no station memories. All
in all, this radio gave me the best price/features/size ratio
of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I
purchased this little radio. Sure, it's not top shelf, but it's
suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour
clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is

covered from 7100 to 7300. So if you want to listen to the BBC on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European signals during the day that I cangrab when I attach a long wire. The 3625 can't tune these freqs. but it can grab 15400 (from africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average selectivity. Covers MW (in 10 kHz steps only), FM (no stereo), and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-in timer/clock (12 hour format only), 5 programmable memory locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers MW, FM (stereo through headphones), and SW in 8 bands (roughly split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and 60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic window for the digital display, which the factory replaced. It is an extremely sensitive receiver. I installed the FM detector board option, which is highly useful for Sub-Carrier detection from FM broadcast receivers in conjuction with the R70's ability to tune below 100khz without a frequency convertor. The so-called PassBand Tuning (PBT), in actuality an asymmetrical bandwidth narrowing control, is very mediocre with the factory 455khz filters. Replacing the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole crystal filter (equivolent to the ICOM FL-44) makes the passband

filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

****
Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than
the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product
detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's
low-pass audio filter, giving better bass response than normal SSB mode on
the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option
board; both can coexist. Installation is somewhat difficult, as it involves
connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This
installs fairly easily in place of the narrow CW filter. It is very much
better than the stock ICOM 6 kHz bandwidth, which is wide-open until it
hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter.
They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard
synchronous detector for the R71 as well as other receivers. The Kiwa MAP
unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual,
which details mods like enabling the preamp on MW, true pass-band tuning,
sub-10 Hz RIT, etc.

****
Kenwood R-2000 - 1

****
Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to
put it in here.The TS-450S is an amateur transciever that costs little more than
a R-5000,and if you have your ham ticket or are thinking about getting it,may
be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is produce when a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can

swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive you bonkers if you have good hearing and a speaker that can put out the highs. I have had two of these,the first I traded for a sateite setup,and the one I have now.The newer reciever has mucbetter audio then the first one and lesess hiss too.Ergonomics are very good MUCH,MUCH better than the Drake R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh well,back to the 525,if you are into AM,it's probably not the reciever for you, but in allthe other modes,it is one of the best consumer grade recievers ever made.Performance in all modes is basically excellent except fothe audio pr problem,and stability is rock solid.JRC has only cut a few corners compared to the 515,probably the ultimate in construction for consumer recievers. The case is made of very thin sheet metal and the front panel is plastic.The keys fit loose in the keypad but work ok.The display has four brightness levels and is very easily read from across the room.The S-Meter is "digital" and is a floating vertical bar segment that seems to be yellow on some samples,

and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 2

I have been using a NRD-535 for two years and i am very pleased
with it. Although the relative high price makes this a radio
for the serious DXer and maybe not the average Shortwave listener.

The NRD-535 has very good ergonomics. It is very easy to operate
during long listening passes. It has 200 memory channels which comes
in handy for storing interesting frequencies that you want to
check later, or stations that you want to check regulary.

+ side:
On the plus side there is the BWC and the very good sensitivity.
The BWC combined with the PBT makes it possible to make
a station readable that is very close to another station, or
a interfering RTTY transmitter. I find that i mostly uses
the SSB mode and zero tunes the station, and then uses the
BWC and PBT to get the most readable signal. The BWC and
PBT has saved a lot of reports for me. The sensitivity
is excelent. It is among the best in this price class.

- side:
The audio in the built in speaker is mediocre to put it mildly.
A station that you read loud and clear in the earphones can be
inaudible in the built in speaker. The selectivity is not as
good as it could be. The NRD is very sensitive for splatter from
nearby stations, and this can totally drown the station that you
want to listen to. The ECSS option that you can equip your NRD with
is a joke. I have it installed but i NEVER uses it. The only time
you can use the ECSS with any improvement of the signal, is if the
received signal is strong to begin with. Don't waste your money on
the ECSS.

The conclusion is that the NRD-535 is a very good receiver for the
serious DXer but it has some shortcomings. The 535 is much better
than the Icom R-70 that i had before, and i would recommend it to
anyone that asked me. What you might want to do is change the filters
to somewhat sharper filters. That goes for both the 9 MHz and the
455 kHz filters.

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Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent
portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the
Sony ICF-SW33 and the Sony 7601). This rig is an extremely
sophisticated piece of equipment. I especially like the fact
that you can store up to 125 frequencies on 25 electronic pages
that can be named as you wish (by country). Once programed this
is very convenient. The two filter selections are well chosen
(much better than the stock Sony 2010 filters). My use the radio
to copy WEFAX with excellent results attests to its stability
(and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow
automatic recording with certain tape recorders (Sony and others)
of up to five times and frequencies in a 24 hour period. I use
this feature all of the time. Audio (stereo on FM) qualitity for
a portable is very good; better I believe than the stock 2010
although as with the 2010, it is improved with a set of external
speakers.

Unlike the 2010, the SW55 does not have synchronous detection.
That's too bad because I believe that if it had this feature it
would blow away
tition. As it stands it is an excellent radio. Most
interference can be eliminated with the narrow filter or moving
away from the interference a bit (the radio is tunable in steps
of 0.1 kHz) so the lack of sd is not critical. I really
believe that Sony did not include it because it would have then
had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had
in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE
keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now
that I've said that, you should know that I am new to all of this "DX-ing" (is
that how you say it?). However, I can tell you that it's reception with the
built-in antenna and with the included auxiliary antenna is very good. I found
that the radio comes pre-programmed with a number of stations (BBC, Radio
Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high
quality, delivering plenty of volume and good sound. There are several "tone"
switches (news vs. music setting, etc.) that enhance the reception and its
sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to
other radios since I didn't comparison shop). There are several output jacks
that make it easy to connect to external speakers, tape recorders, headphones,

etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

****
WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position

Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient frequencies, like the propagation beacons on 14100 KHz. There are a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous detection (this is supposed to be sent out as an upgrade chip later), and IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think it will be the last one I will have to buy for quite a while.

Watkins-Johnson HF-1000 Review Part 2

Watkins-Johnson SAM option for HF-1000

Recently I received the firmware for installing Synchronous AM (SAM) detection in my HF-1000 receiver. I was able to install it in about 1/2 hour and it worked great. In testing it I compared it to the

ESKA phase lock AM board installed in my NRD-525. Here are the results
for strong and weak signals:

Parameter ESKA+NRD HF-1000+SAM
--------- -------- -----------
Weak signal lock range +- 20 Hz +-250 Hz
Strong sig lock range +- 40 Hz +-900 Hz

As an on-the-air test I tried to lock onto Radio Pyongyang, 13760 KHz at
1300 UTC. The signal was weak and fading rapidly at 1300 UTC and was being
broadcast on 13760.1 KHz. The HF-1000 was able to lock it immediately even
when set to 13760.000. NRD was not able to lock it at all, even when set to
13760.1. Impressive!

Another modification in the new firmware is a change in the AGC function.
It is now possible to set three decay rates from the front panel for each
AGC setting, Fast, Medium and Slow. In addition it is possible to allow
the manual gain setting to control the AGC threshold while in AGC mode.
This is a great help for the AGC control. I spent many hours trying to
get the AGC decay rates correct on my NRD receiver, and was never happy
with that AGC. This required pulling out the IF board, replacing some of
the SMDs, putting it all back together, and then trying it. Digital AGC
processing on the HF-1000 makes this a snap, taking only a few seconds.

After several months of using this new mode of reception, it is the one
I nearly always use for SWLing and DXing. For weak AM signals it is hard
to beat. If the signal is readable at all, it will be able to lock on it.
By using both sidebands, you end up with a better signal to noise ratio
than with only one sideband. The HF-1000 is even more impressive now
with this addition. The only times that I have had to resort to ECSS on
AM signals is when there is interference on one sideband. Watkins-Johnson
reports that they will have single sideband SAM in the future which will
get around this. There are several other options that they are working on,
one of which is a plug in board for PC processing. I assume this will have
real time spectrum analysis and memory functions built in.

****
AR3000 - 1

My general impression, is that this is anyhow a very good apparate. It
offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing,
quite good operating commands, triple conversion, 400 memories; it is
very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected
front-end band filters reduce to some extent unavoidable intermodulation. In
general, this set offers a self contained and very well balanced compromise
of a lot of different demanding features, but will show its best when fully
interfaced.

Its price, here in Italy, has been varying greatly during the years.
Therefore I cannot say how it really competes with the choice of HF
receiver + scanner setup. It is still unclear to me how far is the AR3000
from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going
to list (I would like to hear comments about), but perhaps I'm
just pretending too much from a receiver in which something had
to be traded off between versatility and performance. Please note
that I have a 4 years old AR3000; some defects could have been amelio-
rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack
of a variable Am bandwidth. SWL in crowded bands is too often spoiled by
the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once
sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent
signal lying some -+30 khz apart. I suspect this may be rather a problem
of AGC voltage (see below on squelch), because the feedback signal is
obtained from the previous to the last i.f. stage, which may have a larger
than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional.
On my set almost everything passes for knob positions below .3 and
only >S6 passes when I increase to .5. It may be a problem of adjustment,
but also reflect the inaccurate behaviour of the S-meter, which (I have
no measurements to support) seems not properly logarithmic. I have
the impression that weak signals give a high S readout when close to
stronger ones, because the S-meter averages on a larger bandwidth than
the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity
improves a lot when connected to an external speaker or lineout. No
noise reduction circuitry is present. External audio equalization does
a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different
demodulator (say wide band AM for satellite or TV, stereo FM decoder,
sinchro SB AM decoder). A modify could be to buffer it to a backpanel
jack.

-Intermodulation IS present. I live very close to power MW transmitter,
and in the times they're on the whole band .5 : 2.5 Mhz is unusable,
with crosstalk on every possible combination of transmitter frequencies.
At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even
with a short random wire antenna. However, I don't hear crosstalk due
to FM transmitters, which are also close to my place. The 13 front
end filters seem to do their job, since strong signals don't cause
crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In
the AR3000a it has been replaced with a (I guess optically encoded) smooth
one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod
itself seems quite easy too.

The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories
.
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.

:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

--
John Lloyd KE4UTX
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

1979. Apartment dwellers antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 15:58:34 UTC
From: rumcd@pln.com
Message-ID: <19950209.79CD6A0.E738@pln.com>
Source record: 261612

I need help regarding indoor antennas for scanner and 2 meters. Any ideas or project plans appreciated. I do packet with a 2M HT, and need some sort of window antenna idea.

Thanx!

Chris/KD6FIB

SuperTags, v1.2 Taglines ==========
= "Running a Level-One Tagline Diagnotic, Captain" - Geordi =
==========

1980. Re: Car Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-09 16:01:47 UTC
From: dhughes@prairienet.org
Message-ID: <3hde9b$rr8@vixen.cso.uiuc.edu>
Source record: 261588

In a previous article, wgow@chattanooga.net (Sam Hall) says:

>I'm looking for an external scanner antenna for my car, but don't want a
>big fat magnet based object on top of my sports car. It seems no one
>makes these antennas in a lug or standard 3/8 24 TPI mounts! Any sources
>or suggestions would be great!

Sam, I bought an adapter cord that splits the output of the regular radio
antenna, one lead going to the car radio and the other to the scanner.
It works fine. Price about $15. Check it out.....
--

1981. BOOSTER: ALT.RADIO.SCANNER.UK (PROPOSAL)

Newsgroup: rec.radio.scanner
Date: 1995-02-09 16:12:05 UTC
From: paul@termcon.demon.co.uk
Message-ID: <650510949wnr@termcon.demon.co.uk>
Source record: 261584
Cross-posted to: alt.config,alt.radio.scanner,rec.radio.scanner

Last week I proposed ALT.RADIO.SCANNER.UK

There has been quite a lot of interest in this group, not only
from the UK but from the US and other locations.

It's about time we had a group of our own !

Thanks for the support so far.

Paul.

(follow ups set to ALT.CONFIG)
--
****
Paul A Jones PGP2.6 Key Available paul@termcon.demon.co.uk
****

1982. Re: Car Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-09 16:43:26 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Feb9.104326@fnalv.fnal.gov>
Source record: 261591

> In a previous article, wgow@chattanooga.net (Sam Hall) says:
>
>>I'm looking for an external scanner antenna for my car, but don't want a
>>big fat magnet based object on top of my sports car. It seems no one
>>makes these antennas in a lug or standard 3/8 24 TPI mounts! Any sources
>>or suggestions would be great!

I got a scanner antenna from RS that looks like a cellular phone antenna.
It works just fine, much better than the rubber-ducky antenna did from inside
my truck. It costs $30 and it's permenant, you stick it to the window.

RC

1983. Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 16:47:46 UTC
From: ormos@MCS.COM
Message-ID: <3hdgvi$d7t@Mercury.mcs.com>
Source record: 261592
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,sci.space.shuttle

Are there any amateur radio repeaters or commercial services
which retransmit Space Shuttle audio in or near Chicago,
Illinois?

Rich Weinkauf's ``Space Shuttle Radio Frequency List'' [*1]
reports shuttle audio retransmissions from 2-meter ham repeaters
in Chicago and Downers Grove on 145.210 MHz and 145.350 MHz,
respectively. However, I haven't heard any shuttle audio on
either frequency.

Thanks.

==== References ====

[*1] Weinkauf, Rich, ``Space Shuttle Radio Frequency List''
(URL: http://sd-www.jsc.nasa.gov/shuttle/comm/freq.txt),
as cited in Ken Jenks' excellent ``Space Shuttle Communications
Systems Overview'' [*2];
also available at oak.oakland.edu:
(URL: ftp://oak.oakland.edu/pub/hamradio/docs/misc/shuttle).

[*2] Jenks, Ken, ``Space Shuttle Communications Systems Overview''
(URL: http://sd-www.jsc.nasa.gov/shuttle/comm/overview.html), see
``ORBITER AUDIO LOOPS''
(URL: http://sd-www.jsc.nasa.gov/shuttle/comm/ov-sect04.html).

==== End of References ====

--neil ormos wd8bdp ormos@mcs.com

1984. Re: Electrical outlet as antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 16:58:06 UTC
From: zlau@arrl.org
Message-ID: <1995Feb9.165806.8463@arrl.org>
Source record: 261593

Billy Laughlin (kerhop@eskimo.com) wrote:
: it has already been answered for television cable, so what about hooking
: up the ground in the house to a scanner's antenna? I'm always seeing
: little devices that you can plug into the wall that claims to use
: the electrical wires to pick up television better (as a huge antenna I
: guess) so could the same be done for scanners?

Depends what else is using that ground.

Grounding *everything* together at a common point is often
recommended for lightning protection. Idea is that if you
have a strike you will prevent the lighting from jumping
between different conductors, creating a lot of damage.

But, if you want to hear radio signals, the ground can
actually couple noise from one device to another. This
can seriously degrade reception. Thus, for best reception,
you want a separate ground, even though this conflicts with
what you want for lightning protection.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

1985. Yupiteru MVT-7100 for sale

Newsgroup: rec.radio.scanner
Date: 1995-02-09 17:05:20 UTC
From: ofarrjw@eng.auburn.edu
Message-ID: <ofarrjw.950209110520@eng.auburn.edu>
Source record: 261855
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've got a Yupiteru MVT-7100 I'd like to sell. It's about 10 months old and in excellent (like new) condition.

All original accessories, owner's manual, and a leather case are included in the original box.

I'm asking $550, plus shipping.

--JohnO

1986. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-09 17:58:42 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-0902951258420001@nano.nist.gov>
Source record: 261434
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <matt.8.000EB8D6@ua.nsw.ac.uk>, matt@ua.nsw.ac.uk (Matt
Brunton) wrote:

> Sorry, but I _don't_ vote for this. Fragmenting the group would mean some
> people might miss interesting/important info (eg Bob Parnass's reviews) that
> could be of interest to 'UK' readers too.
>
> Also, some sites newsfeeds (mine included) don't get all the alt. groups.
> (ok ok I can hear some of you saying 'so what are you bothering about!?)
>
> Matt
>

You dont need a proposal / vote for an alt. group. Just make it.

1987. Re: Car Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-09 17:59:34 UTC
From: Rich Greene <rgreene@cyberquest.com>
Message-ID: <3hdl66$237@dwarf.cyberquest.com>
Source record: 261594

> I'm looking for an external scanner antenna for my car, but don't want a
> big fat magnet based object on top of my sports car.

Radio Shack has a scanner antenna that looks like a cell phone
antenna and attaches to one of your car windows. I had one but it
kept falling off. I think the best antenna is one of those magnet
mounts or one that is attached to the vehicle with the load in the
middle. They appear to pick up better. A magnet mount might suit
your needs as you can take it off when you want.

1988. Re: Radio Shack vs. Uniden?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 18:23:16 UTC
From: ad225@detroit.freenet.org
Message-ID: <3hdmik$ojm@detroit.freenet.org>
Source record: 261595

I have found the speakes in the Uniden portable scanners to
generally be larger than those in the RS models and, therefore,
easier to hear , especially in high ambient situations.

However, I have also found it difficult to purchase replacement
rechargable batteries for my Uniden scanner. Apparently they
are not commonly available through retailers and have to be
mail ordered from Uniden. Frustrating, indeed, when your
battery pack dies and you want a new one NOW.

Gary Baumgarten
Michigan Public Safety Network
Michigan's most pro-active public safety
notification paging network!
--
Gary Baumgarten
ad225@detroit.freenet.org

1989. Two way listerning

Newsgroup: rec.radio.scanner
Date: 1995-02-09 19:02:00 UTC
From: steve.bainbridge@trans.jecsystems.com
Message-ID: <792470453.AA03301@glass.jecsystems.com>
Source record: 261619

Hi

> I have a scanner and live in Stockport, Cheshire.

> I get taxi's but only the base. Dose anybody know of
> any mobile freq's
Most taxi firms operate on high band frequencies and the usual seperation is 5.5Mhz.So your base frequencies are around 170Mhz mobile will be -5.5.
The 87/77Mhz as you can see is 10Mhz seperation,and normal low band is around 12.5Mhz.
Hope this helps

Steve

1990. Pro-44 modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 19:03:27 UTC
From: barry@advantage.com
Message-ID: <barry-090295110207@mac_barry.advantage.com>
Source record: 261597

My Brother received a Netset/RS Pro-44 today for his birthday and is interested to see if he can modify it all, specifically for the 800+ freqs.

I have a Pro-43 that I modified which he really likes but his family got him this one.

On the back it says it's a Netset Mod 2-304 Pro 44. It has a DOC/MDC number of 255B253 and a serial number starting with C00.

That's about it.. can anybody offer any assistance/information?

I checked a number of ftp sites but couldn't find this model.

Private email or news replies would be much appreciated.

Thanks.

Barry

1991. Columbus Frequencies Please

Newsgroup: rec.radio.scanner
Date: 1995-02-09 19:11:11 UTC
From: aa357@yfn.ysu.edu
Message-ID: <3hdpcf$h1c@news.ysu.edu>
Source record: 261598

I'm looking for frequencies (fire especially) for the Columbus, Ohio
area. Any help would be greatly appreciated.
Thanks

--
********** >>> Youngstown Free-Net aa357@yfn.ysu.edu <<<
* Greg * >
* Ricker * >
********** >

1992. Re: BEARCAT 890XLT W/CELLULAR SALE

Newsgroup: rec.radio.scanner
Date: 1995-02-09 19:42:26 UTC
From: jaylgold@crl.com
Message-ID: <3hdr72$no@crl3.crl.com>
Source record: 261599

Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:
: $300? Forget it folks....Y'all can buy a N-E-W 890 XLT for
: $284.99 from Scanner World in Albany NY.
: --
: Life's to short to worry... :)

You forgot shipping and handling charges and you forgot to mention the
unit will not receive cellular :)

Life is too short to worry :L......

Jay
****
GUN CONTROL IS BEING ABLE TO HIT YOUR TARGET
------- ------- ------ ----- -------
___		_____		____
		\	
___	___	\ _____	
S&W,RUGER,H&K,COLT,.38,.357,9MM,10MM,.40,.45
MINI14,30-30,.308,30-06,.22MAG,GOT EM ALL !!
jaylgold@crl.com The True Blue Knight
****

1993. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-09 20:00:28 UTC
From: afn16368@usenet.freenet.ufl.edu
Message-ID: <3hds8s$1n9g@freenet3.freenet.ufl.edu>
Source record: 261556
Cross-posted to: alt.radio.scanner,rec.radio.scanner

: Why w\can't they just tune in to our newsgroup here?? Why make a whole
new group for them. I say they can join us down here.

--

□
Jesse Rhoads, KE4CQE <afn16368@freenet.ufl.edu>or<KE4CQE@DKEEP.COM>
Ķ
GC d-- H- s:+ !g p? au- a15 w+ v+ C+++ U?--- P? L- 3-- E---- N++ K-
W+ M-- !V -po+ Y t+ 5-- jx R G+ tv-- b+++ D++ B--- e* u- h! f- r---
n---- y? (Don't know what this is? E-Mail me and I'll explain it.)
□

1994. Q: LAPD codes

Newsgroup: rec.radio.scanner
Date: 1995-02-09 20:11:03 UTC
From: dweseman@stud.ee.ethz.ch
Message-ID: <3hdssn$7dv@elna.ethz.ch>
Source record: 261355

Somebody knowing the meaning of the two LAPD radio codes "111" and "147" ?

Is there any list of these codes available somewhere (ftp) ?

thanks...
daniel

--
dweseman@stud.ee.ethz.ch || iason@ezinfo.vmsmail.ethz.ch || 2:301/120.3

1995. Re: AOR8000 and Palmtops?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 20:33:00 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3hdu5s$q1e@sparc.occ.uky.edu>
Source record: 261428

Bryce Hooker (Bryce_Hooker.COMPUSERVE_CORP@notes.compuserve.com) wrote:
: I'm certainly interested! I own both the AR8000 and an HP100LX. I
: think the two machines are perfect for each other. I've been wondering
: if the Scan Star software would run on the LX.

Hey! I have the same combo!

I've used the HP to communicate with the AR8000 successfully.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

1996. Need a review for Groves pre5 pre-amp

Newsgroup: rec.radio.scanner
Date: 1995-02-09 21:50:53 UTC
From: habu@gate.net
Message-ID: <3he2nt$2d9f@tequesta.gate.net>
Source record: 261601

Any comments on using Groves Pre5 pre-amp witha 2006?
Does it actually help at all or cause does it cause more
intermod?

Thanks
Mike

--

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

1997. Re: BEARCAT 890XLT W/CELLULAR SALE

Newsgroup: rec.radio.scanner
Date: 1995-02-09 22:43:51 UTC
From: adye@boi.hp.com
Message-ID: <D3r8H3.Lz@boi.hp.com>
Source record: 261602

Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:
: $300? Forget it folks....Y'all can buy a N-E-W 890 XLT for
: $284.99 from Scanner World in Albany NY.
: --
: Life's to short to worry... :)

Communications Electronics Inc. has the 890XLT-K scanner advertised for
$228.95 + shipping in the current edition of monitoring times.

Doesn't have the mod, but $70 less.

adye
--

Alan W. Dye Hewlett-Packard Company
email: adye@boi.hp.com Boise Information Technology Center

1998. Re: Space shuttle?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 23:04:12 UTC
From: critter@wizvax.wizvax.com
Message-ID: <1995Feb9.230412.24712@news.wizvax.com>
Source record: 261603

In article <497@kesteven.win-uk.net>,
Julian Grammer <julian@kesteven.win-uk.net> wrote:

[Space shuttle on 471.3]
>In the UK, this is UHF Band V TV channel 21. Is this anything like
>the USA?, if so, your local station may have been relaying the
>shuttle mission (now into its 6th day).

I think the TV band is somewhere near there here in the US, but I have another idea what it might be. I am thinking that it is an image of a ham station on 449.90 or somewhere thereabouts, since ham stations in the US are allowed to "broadcast" the audio from NASA Select TV, which is semi-live coverage of the shuttle missions.

--
Glenn C. Lasher, Jr.
critter@wizvax.com
finger for PGP key

1999. Satellite Info

Newsgroup: rec.radio.scanner
Date: 1995-02-09 23:09:44 UTC
From: tmnichol@nps.navy.mil
Message-ID: <3he7bo$p5h@sagan.nps.navy.mil>
Source record: 261604

I am looking for a comprehensive list and data on all
amateur radio satellites (past and present). Would somebody
please point me in the right direction. By data, I mean how many
telemetry points the satellite has, how much storage, data rates,
etc.....

I am also looking for information on TT&C for amateur radio
satellites. Who is responsible for and where are the TT&C
operation conducted.

[]
[] []
[] Troy M. Nichols tmnichol@sagan.nps.navy.mil []
[] []
[]

2000. Re: range for pager frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-02-09 23:11:56 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.13kf@portal.apana.org.au>
Source record: 261605

On Sat 4-Feb-1995 9:46p, Scott Blaha wrote:

SB> gh598@cleveland.Freenet.Edu (Michael I. Perkins) wrote:
SB> >
SB> >
SB> > could someone give me the range for pager freqs. thanks
SB> > --
SB> > Mike in Indy

SB> Usually in the 460-465mHz range; my own is 462.825mHz, but
SB> they do use other ranges, though not as widely. I would
SB> expect that 900mHz pager will be used soon.

Our pager system at the Powerstation where I work at is on 450.3250mHz and I
am listening to people being paged at the moment..

Quote: Fools rush in where fools have been before.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

2001. Mods for uniden bearcat bc/172xl???Please help.

Newsgroup: rec.radio.scanner
Date: 1995-02-09 23:40:25 UTC
From: ah157@cleveland.Freenet.Edu
Message-ID: <3he959$brp@usenet.INS.CWRU.Edu>
Source record: 261606

Are there any modes for the bearcat bc/172xl?Anything at all?
.w
q
1

2002. Re: Wow cell phones on a $30 Radio.

Newsgroup: rec.radio.scanner
Date: 1995-02-09 23:40:51 UTC
From: balbu@aol.com
Message-ID: <3he963$7or@newsbf02.news.aol.com>
Source record: 261607

> In 11 major metropolitan areas the frequencies for TV chs 14-20 (470 -
>512 Mhz) are available for allocation for land mobile use, primarily by
>public safety agencies. The 'cell phone calls' you heard were probably
>calls patched from mobile units through their dispatch repeater system.

No I'm sure that they are cell phone calls because I have listened to the
same call at the same time on my scanner in the "800" band. Also the
chans only go up to 13.

2003. PRO-51 FOR SALE!!!!

Newsgroup: rec.radio.scanner
Date: 1995-02-10 00:00:02 UTC
From: klr@s3106k19.atl.hp.com
Message-ID: <3heaa2$47n@hpuerci.atl.hp.com>
Source record: 261608

I have a PRO-51 for sale, the 'keyboard mods' work on this unit, I also have the box, manuals, etc. I will ship FedEX Overnight COD, for $140.00!! Please call me if interested @ 404-850-2571 (work) and let me know where to send it!!

Kevin Ramsdell
Hewlett-Packard
North American Response Center
Atlanta, GA

I don't get paid for my opinions, so don't blame HP!

2004. USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-10 00:28:30 UTC
From: vhealey@crl.com
Message-ID: <3hebjr$274@nntp.crl.com>
Source record: 261610
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I need to know if any one has purchased a cdrom that has streets counties etc.
I need one that has longitude and latitude on it.
I want to use it in conjuction with the long. and lat.
data I get from the PerCon Cdrom as to TX locations.

I would love to give the program two long and two lat coordinates
and get a map of everything in between.
Is there anything that meets this requirement?

I stoped at Sam's Club and saw three cdroms
$36 Deloran Travel Planner
$39 Ran McNalley Cdrom and travel Atlas
$59 Deloran (spelling?) Streets of USA.

Will any of these do the job?
Has any one bought one of these and care to comment about
it?

I have a HP DJ550C to print any maps out in color.

I want to map the areas I program into the AR8000.

Thanks if you can help me with this query.

Vic Healey Ki4je

2005. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-10 01:03:41 UTC
From: lou@gary.com
Message-ID: <7753-244609702@gary.com>
Source record: 261613

IP>Hi, KO6EB:

IP>The PROPER way to make a test transmission is to key the mike and say "This
IP>KO6EB testing", and once you have the results you want, you then say "KO6EB
IP>clear"

IP>There is NO EXCUSE for kerchunking a repeater for "fun". If you want to
IP>"kerchunk" things for "fun", go down to the CB band.

IP>They'll LOVE you over there.

IP>73's!

IP>DE KB0OXD

At the risk of sounding religious, AMEN, brother!
Lou@Gary.,Com

P.S. They don't call it the Childrens Band for nothing. You can paly all
you want.

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

2006. Re: HAM question?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 01:03:43 UTC
From: lou@gary.com
Message-ID: <7753-244594504@gary.com>
Source record: 261614

IJ>Lou

IJ>It's so nice to see help to a guy on this group who needs help to
IJ>gain his amateur radio licence. Should be more of this
IJ>assistance to encourage responsibility.

IJ>Keep it up

IJ>Cheers from the UK

IJ>_/ _/ _/ _/ _/ _/ Give someone 1 minute of help and
IJ> _/ _/ _/ _/ _/ _/ you'll be helped for a day in
IJ> _/ _/ _/ _/ _/ return...
IJ> _/ _/ _/ _/ anon
IJ>_/_/ _/ _/ _/
Thanks,
I try to help anyone and everyone that I can. Of course I don't
claim to have all of the answers. But, I'll research a question if need
be, and try to come up with an answer, based on the facts I find.

Once again, Thanks for the confidence.

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

2007. Re: Apartment dwellers antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 02:02:13 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <3hehf5$7g9@engnews2.Eng.Sun.COM>
Source record: 261616

In article <19950209.79CD6A0.E738@pln.com> rumcd@pln.com (Chris Rumbaugh) writes:
>I need help regarding indoor antennas for scanner and 2 meters. Any ideas or
>project plans appreciated. I do packet with a 2M HT, and need some sort of
>window antenna idea.

There should be a lot of things you can use. What about:

J-pole
dipole
off-center-fed dipole

Bill Cheek has a few good ideas about scanner antennas
in his book "Scanner Modifications" (BTW, does anyone
know if vol. 3 is out, and if so, have you read it?).
He uses 300 ohm TV ant wire and a Radio Shack 300->75
Ohm matching transformer.
--

Robert Allen
rja@sun.com

2008. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-10 02:26:32 UTC
From: jsoft@MCS.COM
Message-ID: <3heiso$7gc@Mercury.mcs.com>
Source record: 261617

The digital SCA service, known as Mainstream, is AM Vestigal modulation, not FM. This is a bundled news service running at over 19.2kbps...

--Joe Jesson

2009. Frequency Database Online?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 02:50:32 UTC
From: maddox@west.darkside.com
Message-ID: <XqDa1c8w166w@west.darkside.com>
Source record: 261618

I know there has got to be out there someplace a database of frequencies.
One of those CD roms with all the frequencies on the net someplace just
waiting for me to log in and browse.

Send mail to maddox@ottoman.mocten.com if you know of anything like this.

Thanks

---

maddox@someplace.somehwere.org.net.gov.mil
Snort.

2010. LIlist of pager frequ's

Newsgroup: rec.radio.scanner
Date: 1995-02-10 03:14:32 UTC
From: LEPP225@news.delphi.com
Message-ID: <3helmo$fpi@news2.delphi.com>
Source record: 261620

```
============================================================
= =
= List of Beeper/Pager companies and Frequ's =
= By Lepp225@delphi.com =
= =
============================================================

METROCALL OF DELAWARE
72.66
929.5125
931.0125
931.4125

MESSAGE CENTER BEEPERS INC.

72.76
152.48

META RCC INC.

931.9625

METROMEDIA PAGING SERVICES

152.240
158.777
454.1750
454.2250
454.1500
454.100
931.8375
931.8625

MOBILCOMM (NY-MASS-PEN)

043.22
035.58
152.0600
454.300
931.8875
931.8125
929.9875

MRN COMM INC

454.3750
454.500
454.6250
```

454.6500

NYNEX PAGING CO.
152.51
152.57
152.63
152.69
152.72
152.78

PACTEL PAGING
929.1250
931.9625

PAGE AMERICA
454.1250
929.9375
152.84
931.5875
931.6125
931.0625
931.1375

PAGEMART INC

929.6625
929.7125

PAGEMET
929.5625
152.21
929.2875
929.9625
931.3875
929.6125
929.7375
931.6875

PAGING PARTNERS LP.
929.6375
931.7875

SNET PAGING
931.7375
931.1875

TNI ASSOCIATES
931.5375
931.5625

TRISTATE PAGING

929.9125

EMARC COMM SERVICE
(MOTOROLA SPORTS ALPHA SERVICE)

931.9125

MAP PAGING CO. INC.
929.3625
929.5375

MIDATLANTIC PAGING CO.
931.3625

TEL-AIR COMM
929.9625
152.1500

PAGENEWYORK

454.450

IF ANY ONE AS ANY MORE E-MAIL ME AND POST IT HERE

==========

BY LEPP225@DELPHI.COM

2011. Pro 46 Mod PROBLEMS

Newsgroup: rec.radio.scanner
Date: 1995-02-10 03:51:37 UTC
From: ATVMAN@ix.netcom.com
Message-ID: <3hens9$rte@ixnews3.ix.netcom.com>
Source record: 261621

Hi-

I introduced two friends to scanning recently. They hunted around and found two PRO 46 scanners that were supposedly modifiable. I obtained the Monitoring Times mod for them (remove 2 surface mount jumpers and add another one). After performing the mod and re-initializing the radio, entry of the desired frequencies still resulted in ERROR on the display.

This scanner did not exactly match the mod sheet. The lower "jumper" was actually marked "800" instead of "0". And one of the two blank pads that the other jumper was to be installed between had a blue wire soldered to it.

As a matter of fact, there was some sort of piggback circuit board glued to the scanner circuit board. It was connected by about six colored wires to various solder points on the scanner board.

I think that if thes extra wires were "normal", the mod would have mentioned the blue one.

Has anyone here modified a PRO 46, and if so, does this description fit yours? Did the mod work? Does anyone know another mod? And is it possible that there were some "unmodifiable" PRO 46's made later?

Thanks for your help

Ralph Fowler

ATVMAN@ix.netcom.com

2012. Re: pro-62 mods

Newsgroup: rec.radio.scanner
Date: 1995-02-10 03:55:31 UTC
From: jwojcik@aol.com
Message-ID: <3heo3j$bmo@newsbf02.news.aol.com>
Source record: 261622

Hey Scott, If you hear anything could you please forward it to me?Thank
You.

2013. Albuquerque PD

Newsgroup: rec.radio.scanner
Date: 1995-02-10 04:17:00 UTC
From: terry.vansickle@woodybbs.com
Message-ID: <93.3390.7592.0NFB9259@woodybbs.com>
Source record: 261623

Anybody help with the freqs for Albuquerque Police and Fire. Also would like Bernalillo County SO and the New Mexico State Police. Going to be stuffing these into to a real radio so if you know the PL/DPL codes please sent them along also. Thanks,Terry
--- FMail 0.98
Origin: ab5sm1netcom.com (73:6101/0)
GPTH: 6101/0 200/
GATE: 1:275/17 2073c5a6 Via StarGate 6.0 C8C3CBCECCD6C8CE
* Origin: AR-Net <-> CrossNet CrossLink (1:275/17)

2014. Re: What are the Uniden BC2500XLT freq. ranges?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 04:37:37 UTC
From: jeevan@chinook.halcyon.com
Message-ID: <3heqih$ms1@news1.halcyon.com>
Source record: 261427

As far as I know (I only have one :) the ranges ar 25-550 and 760-1300 minus cell (these are from memory, but probably very close). The couple of minor problems that I have noticed are that this scanner is a bit subject to intermod, although it doesn't bug me much, and that you can't choose mode for the band that you're in, i.e. if they say NFM, you're stuck with NFM. But the bands that are set are pretty accurate. (read I haven't found any times that it doesn't work for a known signal.) Oh, a tip for those that already have it, you can put all of the frequencies that are birdies/dead carriers in bank 20 and when you do a Search Store, the unit won't store those frequencies again.

-Zeet

2015. Re: AOR8000 vs MVT-7100

Newsgroup: rec.radio.scanner
Date: 1995-02-10 04:46:10 UTC
From: jkronz@pts.mot.com
Message-ID: <D3rp8y.6zn@pts.mot.com>
Source record: 261624

Personally, I love my Yupi, And am waiting for Yupi to make
a combative product to the AOR8000.

And when Yupi makes it AOR will definately fall to the wayside
for example the aor1500 vs mvt7100 debate that flooded this
newsgroup only a year and a half ago.

Come on Yupi give computer links, band graphs and 5000 channels!!!

my .02

-jason

2016. Looking for "Freq Intelligence Directory by Jay Harris

Newsgroup: rec.radio.scanner
Date: 1995-02-10 05:15:18 UTC
From: robert@eden.com
Message-ID: <3hesp6$ddn@boris.eden.com>
Source record: 261426

Has anyone heard of this book.. does anyone know where it is sold?

2017. Re: Are all Pro-39s Mod'able?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 05:19:04 UTC
From: robert@eden.com
Message-ID: <3het08$ddn@boris.eden.com>
Source record: 261425

Only radios that have the FCC ID# that does not end in "A"
can be modified for cellular. It's involves cutting the D6 diode.
there is not a "keyboard" mod for this radio

2018. RS Pro-42

Newsgroup: rec.radio.scanner
Date: 1995-02-10 06:22:28 UTC
From: ddublank@gpu2.srv.ualberta.ca
Message-ID: <3hf0n4$sa9@quartz.ucs.ualberta.ca>
Source record: 261429

I just got a Realistic Pro-42 for Christmas. Unfortunatly it is probably one of the cheapest scanners a person can buy! It only scanns between 30-54, 138-174, and 380-512 MHz. I am trying to scanning the local airport here in Edmonton, but their frequency is 109.5, a frequency that my scanner cannot pickup. I looked for mods in many places, including oakland, NASA, and Archie but cannot even find my model listed. Is there anyone out there who knows how to modify this scanner to receive 109.5 MHz, or where to find a FAQ on how to do it, or know of a different scanner that this one may be simmular to? Here are some details; 10 channel direct entry programmable scanner, UHF-VHF Hi-Lo, MOD 20-302, Made in Canada, Doc No. 255 B106, Serail C001595.

Any help would be most apreciative.

Thank-you,
Darcey.

ddublank@gpu.srv.ualberta.ca or ddublank@gpu2.srv.ualberta.ca

2019. Re: BEARCAT 890XLT W/CELLULAR SALE

Newsgroup: rec.radio.scanner
Date: 1995-02-10 06:32:02 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <D3ru5E.8ns@freenet.carleton.ca>
Source record: 261430

Actually, the 890XLT's from Scanner World are the few remaining
that can still be modded for cellular...or so I'm told. You forgot
to check the facts......

--
Life's to short to worry... :)

2020. BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-10 07:15:07 UTC
From: stavros@agora.rdrop.com
Message-ID: <D3rw57.EyD@agora.rdrop.com>
Source record: 261431

I was looking at the BearTrakcer BCT-7 today and it seemed like a
fairly handy mobile scanner. Does anybody have any experience with it?

TTFN

-Steven

2021. Re: Houston, TX freqs needed

Newsgroup: rec.radio.scanner
Date: 1995-02-10 08:57:15 UTC
From: gtolar@blkbox.com
Message-ID: <3hf9pb$ei4@news.blkbox.com>
Source record: 261432

Pergrim (pergrim@aol.com) wrote:
: We have the following products:

: Spectrum - a Scanner Hobbiest Database- $29.95
: US Index - Advanced hobbiest/ professional Frequency Database $79.95
: Regional - Very Detailed Regional Frequency Database $99.95
: Ham/Repeater - Ham Callsign Database w/ Open Repeater -Scheduled for March
: Release $19.95
: Ham Callsign - Also For March $9.95 Per Quarter
: Aircraft/Airmen/SDR -Database of all US Aircraft Registrations and Pilot
: Licenses- Also For March Release $49.95

What format are these in? As I have a platform that is not common, but I
can read High Sierra/ISO9660, HFS (Mac), and a few others. Most I find
are in High Sierra, but a rare few incode their files (packed or encyrpted).

2022. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-10 09:03:36 UTC
From: andersor@nevada.edu
Message-ID: <3hfa58$qso@news.nevada.edu>
Source record: 261433

That's the most ludicrous thing I've ever heard of. I've worked in hotels for seven years and have never heard of something so silly in all my life. Why would a respectable hotel such as a Ramada want to do such a thing? The cost of lost business if sucha thing was being done is more than enough reason not to do it. You must have been picking up freqs from different xmtrs. Better yet, phone the hotel manager. Ask them if there's audio bugs in the restaurant.. Bet ya he says no...

Richard

Gleb Esman (gesman@io.org) wrote:
: I've recently stayed for a week in Ramada Inn in northern path of NY.
: What a surprise: I can listen everything what's being spoken about
: around tables in a restaurant/bar area! (I proudly owns Yupiteru MVT-7100).
: Further listening uncovered, that:
: 1. Bugs are installed very close to (or in) tables and also in some service
: room areas.
: 2. Bugs are powered from electric light source or similar.
: 3. Bugs are being turned on mostly on friday-sunday's evenings, when there
: are lots of customers.
: 4. Bugs are transmits on frequencies range: 166 - 210 MHZ FM.
: I've detected total 18 different transmitters, which is too much for a
: small Inn hotel!

: My friend told, that most likely Inn's management listening on their own
: employees to avoid free drinks/food for their friends or so.
: I'd guess that other Inns doing similar things.

: --
: Gleb Esman.

2023. Cordless Listening Law

Newsgroup: rec.radio.scanner
Date: 1995-02-10 09:16:16 UTC
From: lou@gary.com
Message-ID: <775487125001@gary.com>
Source record: 261435

I've heard it and read it several times over, that it is now illegal to monitor Cordless phones and the like, BUT, can someone please cite me the exact law or Legislation that brought this into being.

I've not been able to confirm it, enough to back myself up in some debates.

Any help would be appreciated very much.

Thanks,

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

2024. Can someone post the mod for the BC220XLT?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 10:20:10 UTC
From: saitor@ucsu.Colorado.EDU
Message-ID: <3hfekr$cit@CUBoulder.Colorado.EDU>
Source record: 261436

[No readable article body recovered]

2025. PRO-43 Mar.93

Newsgroup: rec.radio.scanner
Date: 1995-02-10 13:14:06 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-100295080928@132.226.103.46>
Source record: 261465

I recently acquired from a co-worker a Realistic PRO-43,
Japanese production, March 1993 for $100. Seemed like a
bargain price for this unit. Works and looks fine. Now,
I know I've seen this posted before, but are there any keypad
mods or fairly simple electronic mods for cellular or ???

Any help would be appreciated. Thanks, Joe Casato

casato_jc@atc.alcoa.com

2026. Re: USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-10 13:33:53 UTC
From: Harold G Peach Jr <hpeach@pop.uky.edu>
Message-ID: <3hfq01$cq9@service1.uky.edu>
Source record: 261446
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> I need to know if any one has purchased a cdrom that has streets counties etc.
> I need one that has longitude and latitude on it.
> I want to use it in conjuction with the long. and lat.
> data I get from the PerCon Cdrom as to TX locations.
>
> I would love to give the program two long and two lat coordinates
> and get a map of everything in between.
> Is there anything that meets this requirement?
>
We recently evaluated a product that will create maps
down to the major street level anywhere in the US. It
will also read records containing lat/lon data from a
DBF file (or SQL database) and display them on the
maps created. All of this can be printed. The cost
of the program was around $450 (unless you are a
student). It is called Atlas GIS for Windows.
Available from:

STRATEGIC MAPPING INC.
313 KIFER ROAD
SANTA CLARA, CA 95051
408/970-9600
408/970-9999 FAX

73, Harold
hpeach@pop.uky.edu

2027. Percom CD-ROM

Newsgroup: rec.radio.scanner
Date: 1995-02-10 13:39:22 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3hfqaa$edd@sparc.occ.uky.edu>
Source record: 261438

Does anyone know a source for the Percom CD ROM of FCC licenses?

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

2028. Re: Ah ha There Is An AR8000 Secret!

Newsgroup: rec.radio.scanner
Date: 1995-02-10 13:43:55 UTC
From: steven@sgb.oau.org
Message-ID: <D3sE58.AJ4@sgb.oau.org>
Source record: 261213
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Victor Healey (vhealey@crl.com) wrote:
: Speech descramblers and such are illegal now to be offered for sale
: to the us public. That is why you will never see one here in
: normal chnanels.

Well, call Ramsey Electronics and you can have one in a couple of days (they sell them assembled or as kits, your choice, and are in the U.S. of A.)

It's more that there are not many of them available publically, as the law does not stop those who are doing. BTW, I fully support those opposed to this law.

On the same vain, I could order them in from Ramsey and resell them if I wished as well. They are real neat - you have the choice of unamplified descrambling or amplified descrambling - usable with tape recorder *and* speaker to monitor. Works well with the better cordless phones that are non-900 mhz!

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@america.com
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2029. Uniden 800XLT problem

Newsgroup: rec.radio.scanner
Date: 1995-02-10 13:48:39 UTC
From: steven@sgb.oau.org
Message-ID: <D3sED4.AKx@sgb.oau.org>
Source record: 261439

I have an aging Uniden 800 XLT scanner which has a problem - when I turn it on, the display comes up, amplification appears present, but it take a few seconds to "warm up" which it never used to. It does run fine after a minute though. Sounds like a power supply problem due to age. Suggestions?

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@america.com
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2030. yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1995-02-10 15:28:12 UTC
From: Dan Bjarnason <dbjarnas@toronto.cbc.ca>
Message-ID: <3hg0mc$kgo@relay.tor.hookup.net>
Source record: 261440

i have just purchased a yupiteru 7100 handscanner. it's a wonderful
scanner ... but has a terrible manual.
can anyone advise the differnece between lsb and usb?
what would one find there?
the yupiteru can do scans in various frequency steps ... what is
the most practical step to set?

im just starting out, so im sorry for these beginners questions.
many thanks ...

2031. Re: Cordless Listening Law

Newsgroup: rec.radio.scanner
Date: 1995-02-10 15:48:59 UTC
From: tls@gate.net
Message-ID: <3hg1tb$1ivg@tequesta.gate.net>
Source record: 261441

Public Law 103-414 signed Oct 25, 1994 was H.R. 4922

SEC. 202. CORDLESS TELEPHONES.
(a) Definitions. - Section 2510 of title 18, United States Code, is amended -
(1) in paragraph (1), by striking `, but such term does not include` and all that follows through `base unit`; and
(2) in paragraph (12), by striking subparagraph (A) and redesignating subparagraphs (B), (C), and (D) as subparagraphs (A), (B), and (C), respectively.
(b) Penalty. - Section 2511 of title 18, United States Code, is amended -
(1) in subsection (4)(b)(i) by inserting `a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit,` after `cellular telephone communication,`; and
(2) in subsection (4)(b)(ii) by inserting `a cordless telephone communication that is transmitted between the cordless telephone handset and the base unit,` after `cellular telephone communication,`.

2032. Scanning Publications

Newsgroup: rec.radio.scanner
Date: 1995-02-10 15:58:23 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3hg2ev$ah8@post.its.mcw.edu>
Source record: 261442

I am looking for a listing of addresses and recommendations for publications aimed at the scanner hobbyist. I currently subscribe to Monitoring Times and Popular Communications but would like something a bit more advanced.

--

Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

2033. Re: BEARCAT 890XLT W/CELLULAR SALE

Newsgroup: rec.radio.scanner
Date: 1995-02-10 16:04:42 UTC
From: mnappo@mhv.net
Message-ID: <3hg2qq$d4k@over.mhv.net>
Source record: 261443

Harvey Park Radio, Box 621136, Littleton CO, 80162, (303) 231-6585
BC890xlt 249.95, cell mod 30.00, 20.00 off w/coupon, 8.00 shipping
Total: $267.95
But don't jump on Jay, he wants to get a good price for a good scanner and I'm sure he's willing to talk. After all, Rat Shack has this scanner, w/o mods, for 319.99!
Now about that cell mod for the 890xlt, anyone have the how-to details?

Thanks!!!

..Mike

Michael A. Nappo
Computer Specialist; Volunteer Ambulance EMT-D; Newburgh, NY
mnappo@mhv.net

2034. Re: Radio Shack vs. Uniden?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 16:05:14 UTC
From: Les Butler <lbutler@umcc.umich.edu>
Message-ID: <3hg2rr$hs0@montego.umcc.umich.edu>
Source record: 261444

ad225@detroit.freenet.org (Gary Baumgarten) wrote:
>
>
> I have found the speakes in the Uniden portable scanners to
> generally be larger than those in the RS models and, therefore,
> easier to hear , especially in high ambient situations.
>
> However, I have also found it difficult to purchase replacement
> rechargable batteries for my Uniden scanner. Apparently they
> are not commonly available through retailers and have to be
> mail ordered from Uniden. Frustrating, indeed, when your
> battery pack dies and you want a new one NOW.
>
> Gary Baumgarten
> Michigan Public Safety Network
> Michigan's most pro-active public safety
> notification paging network!
> --
> Gary Baumgarten
> ad225@detroit.freenet.org

Gary,

The R.S. H.T.'s use akaline batteries and are therefore
available eveywhere. Agreed Uniden batteries are harder to come by.

2035. Re: Cordless Listening Law

Newsgroup: rec.radio.scanner
Date: 1995-02-10 16:19:25 UTC
From: dhughes@prairienet.org
Message-ID: <3hg3md$sio@vixen.cso.uiuc.edu>
Source record: 261445

In a previous article, lou@gary.com () says:

>
>I've heard it and read it several times over, that it is now illegal to
>monitor Cordless phones and the like, BUT, can someone please cite me
>the exact law or Legislation that brought this into being.

Lou, the law is Public Law Number 103-414 (108 Stat. 4279), which amends
the Electronic Communications Privacy Act of 1986. For a written
confirmation, see the Feb 1995 isssue of MONITORING TIMES, page 120.
--

2036. Bel 645 STI Radar Detector

Newsgroup: rec.radio.scanner
Date: 1995-02-10 17:18:27 UTC
From: retzer@alpha2.csd.uwm.edu
Message-ID: <3hg753$o6b@uwm.edu>
Source record: 261449

I was wondering if anyone could give me some info on the Bel 645 STI radar detector. It has all the features I would like to have but is a bit pricey ($329.00 at a local electronics outlet). Is there a mailorder place that carries this type of item, possibly at discount prices? I've also noticed a detector from Radio Shack which has the same features (not to mention the fact that it looks exactly like the Bel) as the Bel. Its item 22-1653 on page 164 of the 1995 catalog. The only difference I can note is the price (the RS detector sells for $269.99. Is this a Bel Detector with the RS logo on it?

Any Advice would be appreciated,

Many Thanks,

Joe Retzer

2037. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 17:22:14 UTC
From: jcosiman@clark.net
Message-ID: <3hg7c6$4u6@clarknet.clark.net>
Source record: 261450
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,sci.space.shuttle

Neil Ormos (ormos@MCS.COM) wrote:
: Are there any amateur radio repeaters or commercial services
: which retransmit Space Shuttle audio in or near Chicago,
: Illinois?

: Rich Weinkauf's ``Space Shuttle Radio Frequency List'' [*1]
: reports shuttle audio retransmissions from 2-meter ham repeaters
: in Chicago and Downers Grove on 145.210 MHz and 145.350 MHz,
: respectively. However, I haven't heard any shuttle audio on
: either frequency.

Here near Wash, DC, I can listen on 145.55. However, I've had my vox
recorder hooked up to my scanner this week and have heard nothing. Last
shuttle trip there was _a lot_ of traffic.

--
+--+
| jcosiman@clark.net |
| +++++++++++++++++ |
| Finger for PGP public key |
+--+

2038. Re: Car Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-10 17:24:30 UTC
From: jcosiman@clark.net
Message-ID: <3hg7ge$4u6@clarknet.clark.net>
Source record: 261451

Rich Greene (rgreene@cyberquest.com) wrote:
: > I'm looking for an external scanner antenna for my car, but don't want a
: > big fat magnet based object on top of my sports car.

: Radio Shack has a scanner antenna that looks like a cell phone
: antenna and attaches to one of your car windows. I had one but it
: kept falling off. I think the best antenna is one of those magnet
: mounts or one that is attached to the vehicle with the load in the
: middle. They appear to pick up better. A magnet mount might suit
: your needs as you can take it off when you want.

The glass mount is really only good if you live in a metropolitan where
the radio signals are likely to be stronger. Needless to say, I wouldn't
use it for detective work.

--
+---+
| jcosiman@clark.net |
| ++++++++++++++++++ |
| Finger for PGP public key |
+---+

2039. AR8000 birdie?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 17:30:24 UTC
From: march@tudor.com
Message-ID: <MARCH.95Feb10123024@bonehead.tudor.com>
Source record: 261379

First of, let me make sure I'm using the correct term. I've found a frequency that continously shows a signal even if the antenna is disconnected. Furthermore, if I have my BC200XLT tuned to that same frequency there is no signal until I turn on the AR8000. Is this called a "birdie"?

Regardless of what it's called, could someone with an AR8000 verify that they get the same thing as I do? (If not, is the radio bad?)

The frequency is:

161.28 NFM mode

This is, of course, right where I want to listen.

Actually, as I'm typing this, I'm playing with the scanner. I can give you a range to check:

161.277 -> 161.285

and

161.263 -> 161.272

These two ranges show a strong signal even with no antenna attached. Any help would be appreciated.

Thanks!

greg
--

Gregory F. March march@tudor.com

2040. Re: Restaurant Pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-10 17:34:13 UTC
From: lrk@netcom.com
Message-ID: <lrkD3sot1.JJu@netcom.com>
Source record: 261452

In article <3hc2pu$4gg@boris.eden.com>, Robert Barker <robert@eden.com> wrote:
>What frequencies are these things on. They give you one when you give
>the number in your party.. they are small square white boxes that vibrate
>several pulses when they set it off. I'm pretty sure it's high band.
>
The cheap ones are in the 27 MHz range. There are a few freqs in the
high-band for paging and probably low-power stuff could be anywhere.
Check the Police Call book in the back for freqs listed as IB paging.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@netcom.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

2041. Freqs for Disneyland?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 17:48:16 UTC
From: aportill@cnap.navy.mil
Message-ID: <aportill.13.0009CE4A@cnap.navy.mil>
Source record: 261453

Does anyone out there have the frequencies used at Disneyland? I'm planning a trip there next week and plan on taking my scanners (PRO-43 and AR1000XLT). Thanks in advance.

Alan Portillo
San Diego, CA

2042. ISO good samaritans...

Newsgroup: rec.radio.scanner
Date: 1995-02-10 17:59:08 UTC
From: risqtaker@aol.com
Message-ID: <3hg9hc$ifr@newsbf02.news.aol.com>
Source record: 261454

Can someone help a new enthusiast? My first scanner is a Bearcat 560XLT with 16 channels and I can't get anything but the damn airport!!! And that's 40 miles away! I live in downtown Dallas (with over 1 million people) and I know there's got to be more than the airport. If anyone can help me out here I'd greatly appreciate it. I'm not too sure of the freqs I can use or get in, but I've tried many of those posted here. What am I doing wrong?

Please E-Mail to Risqtaker@aol.com
Thanks in advance for any help.

2043. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-10 18:09:18 UTC
From: gleason@mwk.com
Message-ID: <1995Feb10.120918.2640@mwk.com>
Source record: 261456

In article <7753-244609702@gary.com>, lou@gary.com writes:
>
>
>
> IP>Hi, KO6EB:
>
> IP>The PROPER way to make a test transmission is to key the mike and say "This
> IP>KO6EB testing", and once you have the results you want, you then say "KO6EB
> IP>clear"
>
> IP>There is NO EXCUSE for kerchunking a repeater for "fun". If you want to
> IP>"kerchunk" things for "fun", go down to the CB band.
>
> IP>They'll LOVE you over there.
>
> IP>73's!
>
> IP>DE KB0OXD
>
>
>
> At the risk of sounding religious, AMEN, brother!
> Lou@Gary.,Com
>
> P.S. They don't call it the Childrens Band for nothing. You can paly all
> you want.
>
But, there aren't any repeaters to kerchunk on CB! (;-))

2044. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-10 18:10:13 UTC
From: gleason@mwk.com
Message-ID: <1995Feb10.121013.2641@mwk.com>
Source record: 261457

In article <3heiso$7gc@Mercury.mcs.com>, jsoft@MCS.COM (Joseph Jesson) writes:
>
> The digital SCA service, known as Mainstream, is AM Vestigal
> modulation, not FM. This is a bundled news service running at
> over 19.2kbps...
>
GOt any more info? WHat cities it's available in? How to "read"
it?

Lee K. Gleason N5ZMR
Control-G Consultants
gleason@mwk.com

2045. Re: Wow cell phones on a $30 Radio.

Newsgroup: rec.radio.scanner
Date: 1995-02-10 18:13:40 UTC
From: an149095@anon.penet.fi
Message-ID: <an149095.26.00073C37@anon.penet.fi>
Source record: 261333

In article <3he963$7or@newsbf02.news.aol.com> balbu@aol.com (BAlbu) writes:
>From: balbu@aol.com (BAlbu)
>Subject: Re: Wow cell phones on a $30 Radio.
>Date: 9 Feb 1995 18:40:51 -0500

>> In 11 major metropolitan areas the frequencies for TV chs 14-20 (470 -
>>512 Mhz) are available for allocation for land mobile use, primarily by
>>public safety agencies. The 'cell phone calls' you heard were probably
>>calls patched from mobile units through their dispatch repeater system.

>
> No I'm sure that they are cell phone calls because I have listened to the
>same call at the same time on my scanner in the "800" band. Also the
>chans only go up to 13.

What you both heard was the cell site xmit fundamental osc. This is common if you are near a site, and listening on a television set, which does make a pretty cheap rcvr. Remember, a TV's IF is pretty wide, and will pick up a lot of individual 5k dev voice channels and spurs etc. You may also be hearing trunked interconnects in the 900 band. Mobiles xmit on 896 range. You might also try tuning channels 70 to 83 on the TV for more trunking and cellular.

2046. PRO-51 internal mod??? was Re: Eureka!!! PRO-51...

Newsgroup: rec.radio.scanner
Date: 1995-02-10 18:17:10 UTC
From: ptalbot@sccsi.com
Message-ID: <3hgaj6$217@tattoo.sccsi.com>
Source record: 261458

>WHOA, Wait a minute i missed the previous message, how is it done to the
>pro-51 ? and what exactly is being done to the pro-51
>
>/-/ighlander

You need a date code of 7A4 or earlier on the PRO-51 in order for the keyboard mod that restores cellular to work. Turn the scanner off, then press and hold 2,9,L/OUT, turn scanner on. This places the PRO-51 into test mode. In channel 23, you should see a frequency that is in between 869-896Mhz. From there you can direct search up or down to find additional frequencies and store them in memory channels.

Does anybody know of an internal mod that can be made to PRO-51 models that have a later date code? I have a 8A4 code, and the keyboard mod does not restore 869-896Mhz. Any help is greatly appreciated.

//--
// Pat Talbot, CNE, Team OS/2 (ptalbot@sccsi.com , ptalbot@bama.com)
// Cruising past Microsoft at Warp3. Avoid the rush, get warped early!
// If you're not living on the edge, you're taking up too much room
//--

2047. Re: USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-10 18:20:11 UTC
From: trgilroy@ix.netcom.com
Message-ID: <3hgaor$a08@ixnews3.ix.netcom.com>
Source record: 261342
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <3hebjr$274@nntp.crl.com> vhealey@crl.com (Victor Healey) writes:

>
>I need to know if any one has purchased a cdrom that has streets
counties etc.
>I need one that has longitude and latitude on it.
>I want to use it in conjuction with the long. and lat.
>data I get from the PerCon Cdrom as to TX locations.
>I would love to give the program two long and two lat coordinates
>and get a map of everything in between.
>Is there anything that meets this requirement?
>
>I stoped at Sam's Club and saw three cdroms
>$36 Deloran Travel Planner
>$39 Ran McNalley Cdrom and travel Atlas
>$59 Deloran (spelling?) Streets of USA.
>
>Will any of these do the job?
>Has any one bought one of these and care to comment about
>it?
>
>I have a HP DJ550C to print any maps out in color.
>
>I want to map the areas I program into the AR8000.
>
>Thanks if you can help me with this query.
>
>Vic Healey Ki4je
>

DeLORME has a CDROM now available that will do what you need utilizing Lat/Long. It is called MAPEXPERT version 2.0 for Windows. Excellent product. The 'retail' cost is a bit steep though at $195. But I is by far the best thing out there without a doubt.

I have two of the other products you listed above and they DO NOT utilize Lat/Long although they are otherwise excellent products. DeLORME is the leading edge for mapping. If you would like further specifics on the new MAPEXPERT, drop me e-mail.

trgilroy@ix.netcom.com or VsnQuest@AOL.COM

2048. REQ: NYC Freq. Lists

Newsgroup: rec.radio.scanner
Date: 1995-02-10 18:25:33 UTC
From: EASIJGS@ix.netcom.com
Message-ID: <3hgb2t$p8q@ixnews1.ix.netcom.com>
Source record: 261459

Where (here, FTP, Gopher, WWW) can I get a list of common Freq's for NYC??

Thanks

2049. Re: Wow cell phones on a $30 Radio.

Newsgroup: rec.radio.scanner
Date: 1995-02-10 18:53:40 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3hgcnk$166s@quartz.ucs.ualberta.ca>
Source record: 261460

BAlbu (balbu@aol.com) wrote:
> > In 11 major metropolitan areas the frequencies for TV chs 14-20 (470 -
> >512 Mhz) are available for allocation for land mobile use, primarily by
> >public safety agencies. The 'cell phone calls' you heard were probably
> >calls patched from mobile units through their dispatch repeater system.

>
> No I'm sure that they are cell phone calls because I have listened to the
> same call at the same time on my scanner in the "800" band. Also the
> chans only go up to 13.

I believe you heard cellular transmission on your TV-band radio. I say this because I have heard full duplex "domestic" conversations on my analog tuning TV. The transmissions shifted to different frequencies after short periods of time, and usually the volume of one party was much lower than the other, like most cell calls. The frequency shifts were so quick that I was never able to verify the primary frequency using a scanner.

The TV happened to be tuned to an unused UHF channel at the time (possibly channel 83, the UHF knob was broken). I was "watching" this channel by accident. Honest! :-)

2050. Re: Restaurant Pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-10 19:05:25 UTC
From: kwong@ee.ualberta.ca
Message-ID: <3hgddl$166s@quartz.ucs.ualberta.ca>
Source record: 261461

Robert Barker (robert@eden.com) wrote:
> What frequencies are these things on. They give you one when you give
> the number in your party.. they are small square white boxes that vibrate
> several pulses when they set it off. I'm pretty sure it's high band.

Can you elaborate on these pagers? What are they used for?

Service staff at some buffet restaurants wear headsets to tell the kitchen people when to bring out more food. Are the pagers given to the customers so they can ring the kitchen for more food at their table? I think that would be a good idea. 8-)

2051. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-10 19:23:14 UTC
From: damoro@earth.execpc.com
Message-ID: <3hgef2$ja4@homer.alpha.net>
Source record: 261462

Pat Talbot (ptalbot@sccsi.com) wrote:
: >How about the 11A4? I have the PRO-51 with that date code..

A few days ago I was at the Radio Shack where I purchased my Pro-51
a few weeks ago. I was showing him the 2-9-Band, 2-9-L/O mod when low
and behold the 888 mHz channel 23 test frequency was changed to a freq
below 869 mHz. I noticed the date of manuf of 11/94. Mine works fine,
but my scanner is 12/93 with some factory recalls.

2052. AR-8000 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-10 19:24:38 UTC
From: daryll1@aol.com
Message-ID: <3hgehm$j7d@newsbf02.news.aol.com>
Source record: 261463

The USA version of the AOR AR-8000 is modifiable for cellular. It takes a computer interface and a special piece of software to do it. I just did mine, works great. If there is a big enough demand for it, I'll do others. Would a $75 fee plus shipping be about right???
.....Daryll

2053. Re: Apartment dwellers antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 19:29:41 UTC
From: robertso@bev.net
Message-ID: <robertso.8.00137F3D@bev.net>
Source record: 261337

In article <19950209.79CD6A0.E738@pln.com> rumcd@pln.com (Chris Rumbaugh) writes:
>From: rumcd@pln.com (Chris Rumbaugh)
>Subject: Apartment dwellers antenna?
>Date: Thu, 9 Feb 95 15:58:34

>I need help regarding indoor antennas for scanner and 2 meters. Any ideas or
>project plans appreciated. I do packet with a 2M HT, and need some sort of
>window antenna idea.

>Thanx!

>Chris/KD6FIB
>

I'm using one of those 14 dollar omni-directional scanner antennas from RS
hung from the ceiling with string. If I thought I could get by with it, I had
considered stapeling a home-made dipole on the side of the building.

2054. Secret Service Freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-10 19:35:50 UTC
From: hmarq@interaccess.com
Message-ID: <3hg89n$8s6@nntp.interaccess.com>
Source record: 261455

Rumor has it that the first lady will be in town soon. I've never done
any Secret Service monitoring ... are there any freqs/channels that
either the advance teams or protective detail use that are in the clear?
Or, as I suspect are they all DES encrypted?

2055. Re: AR-8000 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-10 20:47:32 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950210154319.4318A-100000@umbc8.umbc.edu>
Source record: 261466

On 10 Feb 1995, Daryll1 wrote:

> The USA version of the AOR AR-8000 is modifiable for cellular. It takes a
> computer interface and a special piece of software to do it. I just did
> mine, works great. If there is a big enough demand for it, I'll do
> others. Would a $75 fee plus shipping be about right???
> ....Daryll
>
>
Is the cable the standard rs232 for the 8000, and where do i get the
software. as i don't let even my wife touch my 8000.
-G

2056. CELL MOD FOR 2026 WORKS GREAT. Any more mods?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 21:19:18 UTC
From: Pat.Stockton@ccmail.gsfc.nasa.gov
Message-ID: <3hgl8m$9gr@post.gsfc.nasa.gov>
Source record: 261470

I just did the 2026 cell mod and it works great. Are there anymore mods for the 2026. Are there any mods for CB feqs?

Thanks,

Pat

2057. Re: Looking for "Freq Intelligence Directory by Jay Harris

Newsgroup: rec.radio.scanner
Date: 1995-02-10 21:20:29 UTC
From: habu@gate.net
Message-ID: <3hglat$2855@tequesta.gate.net>
Source record: 261467

Robert Barker (robert@eden.com) wrote:
: Has anyone heard of this book.. does anyone know where it is sold?

Try Groves

Mike

--

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

2058. Re: Apartment dwellers antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-10 21:22:25 UTC
From: reda@rucs-admin.rutgers.edu
Message-ID: <3hgleh$qqd@igor.rutgers.edu>
Source record: 261468

In article <19950209.79CD6A0.E738@pln.com>, rumcd@pln.com (Chris Rumbaugh) says:
>
>I need help regarding indoor antennas for scanner and 2 meters. Any ideas or
>project plans appreciated. I do packet with a 2M HT, and need some sort of
>window antenna idea.

Yes - buy a house. Then you won't have any money (or time) left to worry
about scanning or tx'ing. (Sorry - I couldn't resist).

Frank J. Reda, Rutgers University Computing Services
reda@rucs-admin.rutgers.edu
:-) :-) :-) :-) :-) :-) :-o :-) :-) :-) :-) "There's one in every crowd."

2059. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-10 21:30:43 UTC
From: jhendricks@cuthbert.win-uk.net
Message-ID: <6@cuthbert.win-uk.net>
Source record: 261469
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Excellent idea!!

How can this get going

_/ _/ _/ _/ _/ _/ Give someone 1 minute of help and
_/ _/ _/ _/ _/ _/ you'll be helped for a day in
_/ _/ _/ _/ _/ return...
_/ _/ _/ _/ anon
_/_/ _/ _/ _/

2060. Re: Looking for "Freq Intelligence Directory by Jay Harris

Newsgroup: rec.radio.scanner
Date: 1995-02-10 22:05:09 UTC
From: watergate1@aol.com
Message-ID: <3hgnul$kt2@newsbf02.news.aol.com>
Source record: 261471

I've got a version from a year or so ago. I bought it from Grove Enterprises in Brasstown, NC. I think Harris was planning to release an updated version, that is if he isn't in jail. :)

2061. Uniden BC200XLT

Newsgroup: rec.radio.scanner
Date: 1995-02-10 22:17:09 UTC
From: urtruvoice@aol.com
Message-ID: <3hgol5$l21@newsbf02.news.aol.com>
Source record: 261472

I own a Uniden Bearcat 200XLT hand-held scanner. I would like to reset all programmed channels to 000.0000 which was the factory setting. Am I able to do this? If so, how? I have tried letting the battery pack run completely down, but that didn't work! HELP!

2062. OK..SO KILL ME! YOUR RUTHLESS! 890XLT FOR SALE!

Newsgroup: rec.radio.scanner
Date: 1995-02-10 22:32:09 UTC
From: jaylgold@crl.com
Message-ID: <3hh4qt$e4r@nntp.crl.com>
Source record: 261473

Boy talk about beating a dead horse. Now that this information has been brought to my attention I am willing to sell my scanner for $265.00 and that is as low as I can go because I paid for the mod so I am going to lose $20.00. Are you happy now?

In all seriousness that is my price $265.00 w/cellular mod done (was not by tech in shop) so if it is too much, I guess you won't buy it.

Offer still stands, in box w/manual.

Jay

_____
F-15 EAGLE /O P E R A T I O N\ F-16 FALCON
** ** D E S E R T ** **
** ** S T O R M ** **
*** ***
M61A-1(940 ROUNDS), AIM-7F, AIM-9-L, FLIR
jaylgold@crl.com
_____THE TRUE BLUE KNIGHT_____

2063. Re: USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-11 00:08:00 UTC
From: jmccolm@cabell.vcu.edu
Message-ID: <3hgv50$6jc@cabell.vcu.edu>
Source record: 261414
Cross-posted to: rec.radio.scanner,alt.radio.scanner

vhealey@crl.com (Victor Healey) writes:

>I need to know if any one has purchased a cdrom that has streets counties etc.
>I need one that has longitude and latitude on it.
>I want to use it in conjuction with the long. and lat.
>data I get from the PerCon Cdrom as to TX locations.

>I want to map the areas I program into the AR8000.

>Thanks if you can help me with this query.

>Vic Healey Ki4je

Hi, Vic! I hae the DeLorme MapExpert and it is terrific. You
can enter a lat, long, and it will take the center of the map
right to it. Shows amazing detail of maps, rivers, even
railroads. Get this one - I enjoy mine!

If you have any questions, drop me a line and I will be glad to
answer them.
--
+---+
| John C. McColman or jmccolm@cabell.vcu.edu or (804) 828-0311 |
| PO Box 1031, Chesterfield, VA 23832 |
| "Trade freedom for security and you will have neither." |
+---+

2064. shuttle re-entry frequencies ???

Newsgroup: rec.radio.scanner
Date: 1995-02-11 00:21:27 UTC
From: bgudgel@eskimo.com
Message-ID: <D3t7nr.MGy@eskimo.com>
Source record: 261474

any-body know frequencies to be monitoring during shuttle re-entry tommorrow morning ??

Bob KI7IQ

2065. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-11 00:26:25 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.13ma@portal.apana.org.au>
Source record: 261325

On Wed 8-Feb-1995 12:08p, Matthew Volkmer wrote:

MV> RE: alt.radio.scanner.uk

MV> I VOTE for this one!

Yeah i vote also, but i doubt ill get it at my site..

MV> It would be good to see scanning from another area than USA.

Bingo.. theres a lot of interesting things posted but a lot of it is completely useless unless your in the country or even area that the message originates..

MV> PS Has anyone thought about a group for
MV> AUSTRALIA....rec.radio.scanner.aus??

YES YES YES Matt, i have thought about it also (I think i suggested this to you in mail)... Lets see if we can get it happening as i think there would be quite a few interested people out there in australia also... Mail me..

Quote: REALITY.SYS Corrupted: Re-boot universe? (Y/N/Q)

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

2066. Scanner Purchase

Newsgroup: rec.radio.scanner
Date: 1995-02-11 00:28:00 UTC
From: allan.logan@atlwin.com
Message-ID: <8A34490.02770063FE.uuout@atlwin.com>
Source record: 261326
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I will soon purchase a scanner from Radio Shack, I forget the model, but it has 800Mhz with searching. My friend got a similar one 1 year or so ago and it can pick up cellular phones. I understand the new ones have been modified to not work at those freq. Any help in this matter(information or how-to's for getting full functions would be appreciated)

2067. Cordless Phone Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-11 00:30:02 UTC
From: phantom@nwu.edu
Message-ID: <3hh0ea$mn2@news.acns.nwu.edu>
Source record: 261327

There must be FAQ somewhere but I could not find it.
Could someone send me cordless phone frequencies?

Thank you.

Mark Feyer

2068. Re: USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-11 00:42:32 UTC
From: JEBRAUN@ins.infonet.net
Message-ID: <JEBRAUN.114.04F82CED@ins.infonet.net>
Source record: 261702
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3hgaor$a08@ixnews3.ix.netcom.com> trgilroy@ix.netcom.com (T. RUSSELL GILROY) writes:

>DeLORME has a CDROM now available that will do what you need utilizing
>Lat/Long. It is called MAPEXPERT version 2.0 for Windows. Excellent
>product. The 'retail' cost is a bit steep though at $195.

I ran across a DeLorme web site, which is, if I recall
http://www.delorme.com

2069. Choppy Mobile reception

Newsgroup: rec.radio.scanner
Date: 1995-02-11 01:21:28 UTC
From: froggie@intac.com
Message-ID: <3hh6vt$cdq@uucp.intac.com>
Source record: 261328

To All,

I have the Pro-62 and a Glass Mount and Roof Antenna for mobile use.
The best I can decribe the reception is a Choppy. Like continuous burts of
signal. I have played with the squelch to no avail. When the car is stationary
things are a little better . When the engine is off things are measurably better.

The condition is almost unbearable. Any suggestions would be
appreciated and worth a try.

Thanks, Frank

Cross Post in alt..scanner

2070. Re: Who sells the Percon CD Rom

Newsgroup: rec.radio.scanner
Date: 1995-02-11 01:22:58 UTC
From: scan911@aol.com
Message-ID: <3hh3hi$n99@newsbf02.news.aol.com>
Source record: 261329

QUOTING march@tudor.com (Gregory F. March):

>>>Does anyone know how to obtain a copy of the Percon frequency list
>>>CD-rom? Victor Healey (vhealey@crl.com) mentioned that the person
>>>(company?) that sells it is on the net.

The PerCon CDs are available through SCANNER MASTER. They can be
contacted at ScanMaster@aol.com.

```
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' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2071. Re: Percom CD-ROM

Newsgroup: rec.radio.scanner
Date: 1995-02-11 01:28:30 UTC
From: scan911@aol.com
Message-ID: <3hh3ru$ncb@newsbf02.news.aol.com>
Source record: 261330

QUOTING jadantin@ndlc.occ.uky.edu (Jim Dantin):

>>>Does anyone know a source for the Percom CD ROM of FCC licenses?

The PerCon CDs are available through SCANNER MASTER. They can be
contacted at ScanMaster@aol.com, or at (800) SCAN-701.

```
|
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' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2072. SCANNING newsgroup for PHILADELPHIA area

Newsgroup: rec.radio.scanner
Date: 1995-02-11 01:31:06 UTC
From: scan911@aol.com
Message-ID: <3hh40q$ndn@newsbf02.news.aol.com>
Source record: 261331

If you are interested in discussing topics related to scanning in the
Greater Philadelphia area (southeastern Pennsylvania, southern and central
New Jersey and northern Delaware), you are invited to participate in the
regional newsgroup phl.scanner. This is a regional newsgroup only and
major online services do have access to the newsgroup.

We welcome your discussion on scanner related topics that apply to the
Delaware Valley and Philly!

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2073. Re: Air/ship

Newsgroup: rec.radio.scanner
Date: 1995-02-11 01:33:25 UTC
From: julian@kesteven.win-uk.net
Message-ID: <513@kesteven.win-uk.net>
Source record: 261332

In article <6290@rook.ukc.ac.uk>, Duncan (dpfg@ukc.ac.uk) writes:
>Any readers know the name of the airway on 134.9MHz, or where the
>relevant aerial is?
>I get it very strongly, and often hear the ground controllers.
>It also gives an image 21.4MHz up, on 156.3MHz, namely marine Ch 6,
>which is quite strange....conjures up visions of flying boats :-)
>
Can't remember off-hand which airway, but I'll look it up and email
it to you. That frequency is just one of the many used by LATCC at
West Drayton, but the relays are sited in various locations, and
LATCC and the CAA are generally rather reticent about revealing
any relay frequency/location combination details. You could always
try DFing it. Your image is a usual one, 10.7MHz being a common IF.
If you could email me your location, I'll see what I can find.

Alternatively, you could beg, borrow or steal (or buy) a copy of The
VHF/UHF Airband Guide, recently updated. If you mail
info@javiaton.demon.co.uk, I'm sure Jonathon will be more than
happy to tell you more about it.

Regards,
Julian.
--

2074. Uniden Bearcat 145xl - Any mods?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 02:24:05 UTC
From: flick@cwis.unomaha.edu
Message-ID: <3hh745$6lo@s-cwis.unomaha.edu>
Source record: 261334

Greetings all. I am wondering if there are any mods for the Uniden 145xl?
If you know of any, please email me!

--
John Anderson	Confucious say:
University of Nebraska at Omaha	Man who put carrots and
Omaha, Nebraska, USA, Earth	and peas in same pot not
Internet: flick@cwis.unomaha.edu	very sanitary...

2075. Re: RS won't sell my the manuals!

Newsgroup: rec.radio.scanner
Date: 1995-02-11 02:50:06 UTC
From: pmohazzabi@aol.com
Message-ID: <3hh8ku$off@newsbf02.news.aol.com>
Source record: 261335

dON,T GO TO ɪADIO SHCK sTORE FOR mANUAL, ORDER IT FROM
TANDY NATIONAL PARTS. 900 E.NORTHSIDE DR., FT. WORTH, TX 76102
PH. 800-442-2425 OR 817-870-5600

2076. Re: Wow cell phones on a $30 Radio.

Newsgroup: rec.radio.scanner
Date: 1995-02-11 02:57:57 UTC
From: balbu@aol.com
Message-ID: <3hh93l$oif@newsbf02.news.aol.com>
Source record: 261336

>I believe you heard cellular transmission on your TV-band radio. I say
>this because I have heard full duplex "domestic" conversations on my
>analog tuning TV. The transmissions shifted to different frequencies
>after short periods of time, and usually the volume of one party was much

>lower than the other, like most cell calls. The frequency shifts were so
>quick that I was never able to verify the primary frequency using a
scanner.

>The TV happened to be tuned to an unused UHF channel at the time
(possibly
>channel 83, the UHF knob was broken). I was "watching" this channel by
>accident. Honest! :-)

I know what you mean every once and a while my scanner goes up to that
"800" band for no reason at all. I can't explain it. I try not to listen,
but sometimes I can't change it and I hear some strange things

2077. Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 03:36:23 UTC
From: davidmay@u.washington.edu
Message-ID: <3hhbbn$4eo@nntp1.u.washington.edu>
Source record: 261338

In an effort to get a scanner without the cell range blocked out, I was wondering if I could buy the scanner in Canada. Are the cellular ranges blocked from the Canadian models of the Uniden or Realistic scanners?

David

2078. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-11 04:28:12 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3tJ31.EHA@nntpa.cb.att.com>
Source record: 261339
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D3rw57.EyD@agora.rdrop.com>,
Steve Culliton <stavros@agora.rdrop.com> wrote:

>I was looking at the BearTrakcer BCT-7 today and it seemed like a
>fairly handy mobile scanner. Does anybody have any experience with it?

The BCT-7 is an odd scanner -- better suited for sale at
truck stops than by dealers catering to scanner hobbyists.

It is oriented around a Service Search feature of preprogrammed
frequencies. Although you can program other frequencies,
it's very cumbersome to use as a general purpose unit.
You can search but only between very broad limits -- i.e.,
you cannot set your own search limits.

When select a state, the BCT-7 will scan frequencies
it "thinks" are relevant to your area. Every 2 seconds,
it samples frequencies used by state police mobiles.
Upon hearing activity on those frequencies a loud alarm sounds
and a bright red WARNING light flashes. Hmmm...what law
abiding hobbyist would use a device which warns of
nearby police officers? :-)

The BCT-7 I had on loan was an early unit (sale sample #1, really)
and had image problems, including cellular phone images despoiling
the 800 MHz band.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2079. SUGGESTIONS: Best Mobile Scanner???

Newsgroup: rec.radio.scanner
Date: 1995-02-11 05:47:38 UTC
From: nolanv@vccnorth18.its.rpi.edu
Message-ID: <3hhj1q$hl1@usenet.rpi.edu>
Source record: 261340

Right now I have a 560XLT, which does the job (I'm a firefighter),
but would like something with some flexibility. I really don't need more
than 20 channels, though. Such a thing as a scanner with alpha-numeric
display, i.e. program your channels with "names"?

Thanks!

Vin

2080. Re: Who sells the Percon CD Rom

Newsgroup: rec.radio.scanner
Date: 1995-02-11 07:15:20 UTC
From: pergrim@aol.com
Message-ID: <3hho68$s06@newsbf02.news.aol.com>
Source record: 261341

Hi Greg:

You can purchase PerCon CD's directly from PerCon. Our address and phone numbers are:

PerCon Corporation
4906 Maple Springs / Ellery Rd
Bemus Point, NY 14712
(716) 386-6015
(716) 386-6013 Fax

Thanks for your interest in PerCon CD's.
Chuck Pergrim
PerCon

2081. Re: FOR ALL TO READ about Selling Modded Scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-11 10:28:48 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9502111028.0EQ0Z01@chrysalis.org>
Source record: 261367

Ive been following this thread for a bit an Im afraid some of you are under a misconception. Its is NOT illegal to sell a cellular capable scanner here in the U.S. It is illegal to IMPORT or MANUFACTURE them anymore, here in the U.S. You may buy NEW cellular capable equipment only you are with a govt agency that is authorized, that is buying new equipment made here in the states or imported from overseas from a manufacturer or retailer. Private individuals may sell ANY cellular moded equipment they have, as this is not imported or retailed, it is used equipment and there is no rule to stop the resale of used equipment. The objective of the law is to keep ANYMORE cellular capable equipment from being put on the private consumer market. Its not meant to eliminate sales of equipment that is already here in the country or already owned by consumers. Soap box mode off.

Brian Oakley A.R.S WB5KXW Ft. Worth, TX brian.oakley@chrysalis.org

2082. Re: Define

Newsgroup: rec.radio.scanner
Date: 1995-02-11 10:28:49 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9502111028.0EQ1B01@chrysalis.org>
Source record: 261368

Bit I believe the IFR unit can scan, if I remember right. I used to use an am/fm 1200 and I believe it had scanning capability of 10 channels.

Brian Oakley A.R.S WB5KXW Ft. Worth, TX brian.oakley@chrysalis.org

2083. Re: Pro-51 mod

Newsgroup: rec.radio.scanner
Date: 1995-02-11 11:15:19 UTC
From: JFBR47A@prodigy.com
Message-ID: <3hi687$n9k@usenetw1.news.prodigy.com>
Source record: 261344

Ok I got the test freq's but is there a hardware mod for this model....?

Getting bored. <yawn>

jfbr47a@prodigy.com

2084. Re: Cordless Phone Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-11 11:37:24 UTC
From: The ETHER Bunny! <daayala@students.wisc.edu>
Message-ID: <3hi7hk$kgo@news.doit.wisc.edu>
Source record: 261345

```
Cordless Freq's.....

46.610 49.670 1
46.630 49.845 2
46.670 49.860 3
46.710 49.770 4
46.730 49.875 5
46.770 49.830 6
46.830 49.890 7
46.870 49.930 8
46.930 49.990 9
46.970 49.970 10

Bases Handset Ch

Enjoy!

Daniel A. Ayala
daayala@students.wisc.edu
```

2085. Re: Scanner Purchase

Newsgroup: rec.radio.scanner
Date: 1995-02-11 12:54:37 UTC
From: dhughes@prairienet.org
Message-ID: <3hic2d$omi@vixen.cso.uiuc.edu>
Source record: 261346

In a previous article, allan.logan@atlwin.com (ALLAN LOGAN) says:

>I will soon purchase a scanner from Radio Shack, I forget the model, but
>it has 800Mhz with searching. My friend got a similar one 1 year or so
>ago and it can pick up cellular phones. I understand the new ones have
>been modified to not work at those freq. Any help in this
>matter(information or how-to's for getting full functions would be
>appreciated)
>

If you want cell phones you're gonna have to find an older radio. The
new one cannot be modified.
--

2086. Pro 2026 improvements

Newsgroup: rec.radio.scanner
Date: 1995-02-11 13:38:18 UTC
From: bruce@bumetb.bu.edu
Message-ID: <3hieka$2qc@news.bu.edu>
Source record: 261347

I just bought a 2026 scanner and am quite please
with it with one exception. I'm disappointed that
it requires a constant 12volts to retain its
memories. I've noticed that if you interrupt the
12volts for a couple of hours the memories will
be retained but over night is too long and
everything is lost.

Are there any mods out there to address this issue?
There appears to be plently of room inside the box
to mount a battery but don't know if this is
possible. Any thoughts?

bruce

2087. 900 mhz cordless, where?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 13:40:23 UTC
From: steven@sgb.oau.org
Message-ID: <D3u8nD.1Jz@sgb.oau.org>
Source record: 261354

Well, I am getting bored with my choice of 14 neighbors on the 10 46 mhz band cordless frequencies - I heard the 900 mhz have more range (according to advertising of local Wal-Mart employee). I'd like to extend my monitoring to include the 900 mhz cordless phone users now.

What are the frequencies commonly used for 900, such as Uniden, AT&T, Panasonic, etc?

Please don't quote the so-called laws against this activity, I don't follow them, not bound by them, they are unconstitutional, the courts have prior rulings which state "no expectation of privacy", etc. In any event, nothing will stop me... and the freedom to exchange information is a basic right!

So, what's the scoop 9xx-9yy?

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@iag.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2088. Confederate Airforce Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-11 13:42:49 UTC
From: dickp@earth.execpc.com
Message-ID: <dickp.792509976@earth>
Source record: 261348

I am looking for the frequencies used by the Confederate Airforce
during their airshow in late September/early October. Also this year they
are hosting the Canadian Snowbirds, if anyone has their frequencies and
would pass them on it would be greatly appreciated.
In trade I can offer frequencies used at the EAA flyin.

Thanks ahead of time.

2089. Re: Cordless Listening Law

Newsgroup: rec.radio.scanner
Date: 1995-02-11 13:49:46 UTC
From: steven@sgb.oau.org
Message-ID: <D3u92z.1qv@sgb.oau.org>
Source record: 261349

lou@gary.com wrote:

: I've heard it and read it several times over, that it is now illegal to
: monitor Cordless phones and the like, BUT, can someone please cite me
: the exact law or Legislation that brought this into being.

: I've not been able to confirm it, enough to back myself up in some
: debates.

: Any help would be appreciated very much.

I believe even the supreme court handed down a decision that stated there was *no* expectation of privacy for those who use cordless phones. It makes the new so-called law (which nobody obeys) quite mute. I mean, the new law can not assure privacy because the courts have said there is none. So perhaps in addition to the citation and interpretation, someone can offer what the so-called law was supposed to accomplish. My cordless is brimming with activity, I have a choice of 14 neighbors on 46 mhz to listen to - one guy hunting for work in finance and banking yesterday was most amusing "yeah, I am looking for work 'what kind of work?' err, well anything really, 'what do specialize in?' hmm, well banking, finance, anything really". How's that one! Ha Ha Ha... perhaps desperate, but I'd not hire someone who is an expert in "anything", especially not someone who is looking for "anything". Ha Ha ... that was a good one. He uses a phone that can change frequencies on each call, I am still tracking the ones his phone can do.

Anyhow, I'd appreciate info on 900 mhz frequencies known to be in use, as I'd like a little more pickings to choose from for my entertainment. No law will stop me. The cellulars are good too - but I like folks I know something about and don't change cell sites! Hmmm tasty listening! (I'd like to charge this purchase to my ... card, the number is ... and it expires ... yes, my address is ... the name listed on the card is ... my home phone number is ... BINGO! successfully identified... time to stop recorder and playback what it received)

Steven
--
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steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2090. Re: Cordless Listening Law

Newsgroup: rec.radio.scanner
Date: 1995-02-11 14:02:10 UTC
From: steven@sgb.oau.org
Message-ID: <D3u9nn.1ty@sgb.oau.org>
Source record: 261351

Terry Steinford (tls@gate.net) wrote:

: Public Law 103-414 signed Oct 25, 1994 was H.R. 4922

Does anyone have the law as it's worded in terms a judge could read from and not the "change history" of the law wording? I mean, I'm sure they don't take the original base law, and then overlay each change to it when they are confronting the accused with a charge, or do they? I mean those changes as listed mean nothing. I could not, for example determine the penalties, there were not listed except add and strike.

I also should note that to charge someone with breaking the cordless or cellular monitorning "laws", the law enforcement officer must personally witness the action taking place. You can't go and say "this guy on the internet listens all the time, it's against the law - go arrest him", as that is not evidence, that's speculation based on what he's said or written, but not the same as the officer standing beside him at a shopping mall listening to what he is listening to first hand or receiving a tape made by someone monitoring, etc, or someone stating directly to the law first hand, what they "heard".

So, that means next time you hear a bank heist being planned, a robbery being prepared, or someone being kidnapped, you're supposed to ignore it - or you could land in jail as quick as they could - what is worse is that they will get away because the law can not use the conversation as evidence and have no other proof a crime was about to be committed. Hence, no law broken by them, but one was broken by you.

The so-called law only protects criminals and leaves a mistaken opinion of privacy, it does not insure it, does not enforce it, it simply interferes with law enforcement activity. It's time both the cordless and cellular were looked at as broadcast radio stations requiring an individual to license for x mobiles, x handhelds, each with call sign, given atleast every 30 mins of airtime and all the privacy (supposed) monitoring laws repealed. The requirement of call sign ID every 30 minutes would remind the users they are a broadcast station and there could be others listening, hence the ID requirement.

As I said elsewhere, the laws have not stopped myself or anyone I know, so what good are they, and why did they waste the time to make them?

(oh I know the answer - to waste the taxpayers money is why they made them!)

Steven
--
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System Administrator | Forest City, Florida | steven@iag.net

| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2091. Re: AOR8000 and Palmtops?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 14:03:14 UTC
From: Bryce_Hooker.COMPUSERVE_CORP@notes.compuserve.com
Message-ID: <3hig1r$et0@mhaal.inhouse.compuserve.com>
Source record: 261352

What software are you using? It sounds like Scan*Star is a good
choice. Does it run on the HP?
Bryce

In article <3hdu5s$q1e@sparc.occ.uky.edu>,
Jim Dantin writes:

Bryce Hooker (Bryce_Hooker.COMPUSERVE_CORP@notes.compuserve.com) wrote:
: I'm certainly interested! I own both the AR8000 and an HP100LX. I
: think the two machines are perfect for each other. I've been
wondering
: if the Scan Star software would run on the LX.

Hey! I have the same combo!

I've used the HP to communicate with the AR8000 successfully.

--
Jim Dantin
jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a
Hunter 27.

2092. Mods for Regency R1070

Newsgroup: rec.radio.scanner
Date: 1995-02-11 15:01:07 UTC
From: csc0ccb@cabell.vcu.edu
Message-ID: <3hijfj$t3b@cabell.vcu.edu>
Source record: 261353

I dont know if there are any but I thought I would ask.

If anyone has any Please e-mail me.

Thanks,
Sonny

2093. Re: yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1995-02-11 16:13:09 UTC
From: critter@wizvax.wizvax.com
Message-ID: <1995Feb11.161309.22074@news.wizvax.com>
Source record: 261356

In article <3hg0mc$kgo@relay.tor.hookup.net>,
Dan Bjarnason <dbjarnas@toronto.cbc.ca> wrote:
>can anyone advise the differnece between lsb and usb?
>what would one find there?

These are AM-like modes. In a full, normal AM signal, there are three components, the carrier, the upper sideband and the lower sideband. For some communications, a variation called single side band is used, in which one sideband and the carrier are eliminated. You can do this because the sidebands are mirror images of each other. You do, however, need the carrier to make anything intelligible out of the signal, so the radio you are looking at has a device that replaces the carrier. It needs to know, however, which side of the signal to place the carrier on. If it is a lower sideband, then the carrier needs to go above it, if it is an upper sideband, then the carrier needs to go below it. So try one mode, and if it sounds squeaky and unintelligible, use the other one.

>the yupiteru can do scans in various frequency steps ... what is
>the most practical step to set?

Ummm... Taking a cue from my less-sophisticated scanner, I would offer the following recommendations about step and mode:

30-54MHz, try FM, .005MHz steps.
108-136, try AM, .025MHz steps.
136-174, try FM, .005MHz steps.
(sorry, my scanner doesn't do 200's, can't advise there)
380-512, try FM, .0125MHz steps
806-824, try FM, .0125MHz steps
824-896, try FM, .030MHz steps (if your scanner has this coverage)
896-960, try FM, .0125MHz steps

Some other things you might try, if your scanner goes below 30MHz, you might try FM, AM, LSB or USB there (but don't bother using FM below 27MHz) in .005 or smaller steps, and you might find some USB or LSB in the 144-148MHz range.

>many thanks ...

Quite welcome.

--
Glenn C. Lasher, Jr. Microsoft is not the answer, it is
critter@wizvax.com the question. "No" is the answer.
finger for PGP key Intel inside? Don't divide!

2094. PRO-43 modifications FAQ

Newsgroup: rec.radio.scanner
Date: 1995-02-11 16:20:50 UTC
From: gdallal@world.std.com
Message-ID: <D3uG2q.20K@world.std.com>
Source record: 261357

Radio Shack PRO-43 Modifications FAQ
CONTENTS

1. Introduction
2. Which units can be modified for extended frequency
reception?
3. Companies that will modify the PRO-43 for extended
frequency reception
4. The modifications
extended receive (original mod + solderless)
keypad beep delete
improved audio
attaching an S-meter
400 memory channels

---

1. Introduction

Because there is a continuing demand for it, this mini-FAQ about PRO-43 modifications will be posted every two weeks until there is demand for its removal. In large part, it is the file PRO43.MOD from pub/hamradio/mods/tandy at oak.oakland.edu .

The FAQ now includes mods for

(1) extended receive (original mod + solderless)
(2) keypad beep delete
(3) improved audio
(4) attaching an S-meter

There is also a mod for 400 memory channels, but, to quote its author, it is very complicated, should only be attempted by someone with moderate to advanced electronics experience, and is not for the faint of heart or the "weekend technician." A brief description is included at the end of this FAQ. If the mod were included in its entirety, the size of the FAQ would be increased four-fold.

---

2. Which units can be modified for extended frequency reception?

Note: It is against the law (Electronics Communications Privacy Act of 1987, public law 99-508, amended 1994 by public law 103-414) to listen to cellular or cordless telephone communications. However, it is not illegal to own equipment the can receive or can be modified to receive such

communications, even though it became illegal as of April 1994 to manufacture or import equipment that could be easily modified by the user to receive cellular communications. Equipment manufactured before the cutoff date can continue to be sold until stocks are exhausted. While businesses are forbidden from importing cellular capable scanners for resale, the question has been raised whether an individual can legally import such equipment not intended for resale. The issue is not explored here.

Which PRO-43 units can be modified for extended receive?

Modifiable | Nonmodifiable
|
serial number no A in # | begins with A
FCC-ID AA020-300 | AA020-300A

Inside the battery compartment is a paper label containing the date of manufacture in the form "month A year". For example, 5A3 is May, 1993. The cutoff date after which units could no longer be modifiable is April, 1994 (4A4). So far, the earliest reported date of manufacture of a nonmodifiable unit is 3A4 (March, 1994).

The PRO-43 was produced under two brand names. My 3A3 unit carries the Realistic name; my 12A3 unit carries the Radio Shack name. At the moment, it is not known whether this represented a change in labels or whether both types were produced side-by-side for a time. It is also not known whether their electronics are different.

There are no software modifications for the PRO-43. It is not possible to extend the frequency range of the radio by pushing buttons on the keypad. Such modifications are possible with other models, such as the PRO-51, but *not* with the PRO-43. The PRO-43, made by GRE (General Radio Electronics) of Japan, is one of Radio Shack's few triple conversion units. Radio Shack scanners with software mods are double conversion units made by Uniden.

Modification procedures for other radios are available by anonymous ftp from the pub/hamradio/mods/<manufacturer> subdirectories at oak.oakland.edu.

There is some debate about whether step (5) of the extended receive modification is worthwhile. To quote Bob Parnass, below:

"Now that I have a schematic, I see that the European version of the PRO-43 has different coils and capacitors in the low (mid) band front end filter. That explains why the 75 MHz sensitivity isn't stellar after adding diode D3 to enable 30-88 MHz coverage."

So, if you trash the diode in step 4 or want to quit while
your ahead, don't lose sleep over it.
---
3. Companies that will modify the PRO-43 for extended
frequency reception

If you'd rather not do the modification for extended
frequency reception yourself, Cellular Security Group, 106
Western Avenue, Essex, MA 01929 (508/768-7486) will do it for
$40, which includes insured UPS return postage. However, CSG
will not move the diode to extend the low band to 88 MHz; they
only remove the diode to unlock the 800 MHz frequencies. When
CSG is mentioned on the net, two types of comments follow:
testimonials from satisfied customers and comments from those
with the technical skills claiming that the service seems high
priced for just removing the diode. But, there have been *no*
reports of shoddy work or damaged radios. (They've modified
two of mine.) Units are processed within 24 hours of receipt.

Grove Enterprises' newly advertised Repair Service will
perform the mod for $40 plus shipping. They will move (rather
than just remove) the diode on units that can benefit from it,
but state that there is no way to tell whether the diode
should be moved without looking inside. They claim that the
determination can not be made from the serial number, FCC-ID,
or date of manufacture. For further details, call Grove at
704/837-7081. In order to get a unit modified, a service
order number must be obtained from the same telephone number.
Packages without a SO# will be refused.
---
4. The modifications

From: armille@afterlife.ncsc.mil (A. Ray Miller)
Summary: cellular (870-890 MHz) and low band (51-88 MHz) restoration for PRO-43

A few people have mentioned the cellular mod for the PRO-43; it turns out
you should not remove but MOVE the diode. Doing so allows cellular coverage as
well as low band (up to 88 MHz) coverage.

Acknowledgments to Grove Enterprises; this information came from them.
They are selling the PRO-43 for $300 which is $50 less than Radio Shack.
I have no connection with them other than as a satisfied customer.

PRO-43
Cellular Frequency Restoration and Low Band Expansion

Note: It is not lawful to monitor cellular or conventional mobile telephone
conversations.

The following procedure requires familiarity with microcircuit soldering and
will violate your warranty. Grove Enterprises assumes no liability resulting
from its attempt, nor will accept the modified scanner for return under any

condition.

TOOLS NEEDED: Fine point, low power soldering pencil; solder wick or a desoldering tool; pointed awl, hemostats or pointed tweezers; small Philips screwdriver; solder.

1) Remove the battery, antenna and back cover (held in place by four screws).

2) Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up from the board. Carefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3) Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4) Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labeled D1-D5 above it. Only diodes D1, D2, and D4 are present; assisted by a pointed tool, unsolder and remove D4, the lone diode (this restores cellular frequencies which will be searched in 30 kHz steps).

5) Resolder the removed diode carefully into position D3 to extend low band coverage to 88 MHz.

6) Reassemble the boards, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency between 870 and 890 MHz (cellular) and 51-88 MHz (low band).
--

A. Ray Miller
arm@super.org | armille@afterlife.ncsc.mil

From: IN%"savage@dg-rtp.dg.com" 2-FEB-1995 17:55:07.31

BTW, I did something similar [to the mod that follows] but MUCH easier... No soldering, removing antennas, PCBs, etc..

Just open up the Pro 43 and look down on the bottom PCB from where the batteries usually lie. You'll see the diodes there. Simply take an xacto knife and and break the solder on the D4 diode (left-most on mine) on the side facing you. I just cut back-and-forth for a bit. Once the solder (it's surface mounted) is weak enough, I just bend up the diode a bit from the PCB. Presto. I left mine hanging on the one side with solder. If you continue to work it a bit, you can probably remove the whole diode.

--Ed

From: springel@umich.edu (Jason G. Springel)
Subject: MODing a Pro-43 without soldering

I just purchased a new Pro-43 to replace my Uniden 200XLT after reading many of the praises for the Pro-43 on this newsgroup. I decided to try and MOD it, but don't have a lot of experience with a soldering iron. After examining the scanner's innards, I found it was quite easy to "fix" with nothing more than a minature philips screwdriver and some small needlenose pliars.

********** Standard Discalimer from other MODs:

1-It is against the law to monitor cellular or mobile telephone calls.

*****2-Procedures outlined below [DO NOT] require knowledge of microcircuits, soldering and assembly techniques.

*****3-You will [NOT] need a low-wattage soldering iron, solder and other various tools to help in the procedure.

4-The following procedure will void your warranty.

****
Here is my new MOD:

Step 1

Remove the battery, antenna, and back cover which is held in place by four screws. Place the scanner keypad-side down on your working surface.

Step 2

Remove the six screws holding the top circuit board in place.

Step 3

Using a VERY small screwdriver (I used one from a Radio Shack kit), remove the two screws from the lower circuit board. Looking down at the unit, you will see that the screw on right side of the lower circuit board can be easily removed. Remove the screw on the left side by by sliding the screwdriver between the top circuit board and the metal frame which holds the two boards together.

Step 4

With these two screws removed, you can now lift the entire top panel (antenna, volume, and squelch knobs) along with the top two circuit boards as one unit. The two circuit boards will be connected to the final circuit board (the one attached to the front section of the scanner) by several wires. Simply set the top panel/circuit boards alongside the front section of the scanner and you can leave these wires connected.

Step 5

The microporcessor is located under the large metal shield on the final board (the front section of the scanner with the display and keypad). If you look under metal shield from the side closest to the bottom of the scanner, you should see the row of diodes labeled D1-D5.

Only diodes D1, D2 and D4 should be present.

Use a small pointed tool to break off D4. You actually don't have to remove it completely (unless you want to use it to restore additional frequencies as explained in other MODs), you can just lift one side so it dosen't make connection and then put a small piece of tape or heat shrink over it, so it won't. Make sure it's not lifted to high or the boards will not fit.

This will restore Cellular Frequencies in 30 kHz steps.

Step 5

Reverse the process to replace the top panel/circuit boards and the two screws that connect the lower circuit board. Replace the 6 screws from the top board. Replace the cover, etc.....

...the diode positions on the cpu board, of which only three are filled look like this. Where X equals a diode soldered in place.

D5 D4 D3 D2 D1

O X O X X Normal configuration

O O O X X Cellular modification(D4 removed)

O O X X X Lo-Band modification(D4 in D3's place)

These directions were based on an original MOD design whose origins I do not know. My thanks go out to the original author of that MOD!
Hope this helps those of you who do not own a soldering iron!

From: ross@novax.llnl.gov
Date: 19 Aug 92 16:51:08 GMT

Here is my keypad beep delete mod for the RPO-43:

1. Remove battery.
2. Remove back cover (4 screws).
3. Remove top board (6 screws, desolder two antenna connections and bend antenna ground lead up out of the way). Be careful of black connector at bottom of board. Flip board over and lay aside (wire connectors need not be disconnected).
4. Remove middle board (remove 2 screws and wire connector). Be careful of two multi-pin connectors along underside of board. Set middle board aside.
5. Locate 10 pin connector on side of bottom board (labeled CN3). Note that one end of connector has pin 10 labeled as such. Count back to pin 6 and bend pin 6 ninety degrees towards the large RF shield. Make sure the bent pin clears the RF shield.
6. Reassemble and your done OR do the cell mod since you are so close.

Have fun. Gary Ross >usual disclaimer>

Subject: Improved audio for the PRO-43 portable scanner
From: parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S)

Date: Wed, 2 Dec 1992 01:15:35 GMT

IMPROVED AUDIO FOR THE PRO-43 SCANNER

by Bob Parnass, AJ9S

The Radio Shack PRO-43 scanner audio is too bassy.1 The lack of treble makes it difficult to hear the PRO-43 in noisy situations, especially while listening in a car or truck. Louis Shirley sent me a schematic and suggested I remove C341, a tiny 0.015 ufd surface mount capacitor.

I'm glad to report that removing C341 made a great improvement. The audio is now much "crisper," more like the Uniden 200xlt, although still not quite as loud. Turning the volume control up still overloads the PRO-43's small, internal speaker, but there's less need to do that once C341 is removed.

The PRO-43 contains 3 printed circuit boards, and the middle (second) board contains the audio circuitry. Finding C341 is difficult, as it is neither marked with a value nor a component designation. It is located on the foil side of the middle board, under IC304, an LM386 amplifier IC. C341 is in parallel with, and physically next to, R350 (33,000 ohm). R350 is slightly larger than C341 and is marked 333. Both R350 and C341 are connected between pin 2 of the LM386 and ground.

A Note About 50-88 MHz Reception

Now that I have a schematic, I see that the European version of the PRO-43 has different coils and capacitors in the low (mid) band front end filter. That explains why the 75 MHz sensitivity isn't stellar after adding diode D3 to enable 30-88 MHz coverage.

---

1. See "PRO-43 Product Review," by Bob Parnass, AJ9S, in the November 1992 RCMA Journal.

--
Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com - (708)979-5414

Subject: S-Meter for PRO-43
From: schuster@panix.com (Michael Schuster)

Found this on the Fidonet scanner echo:

=====begin quoted text=================

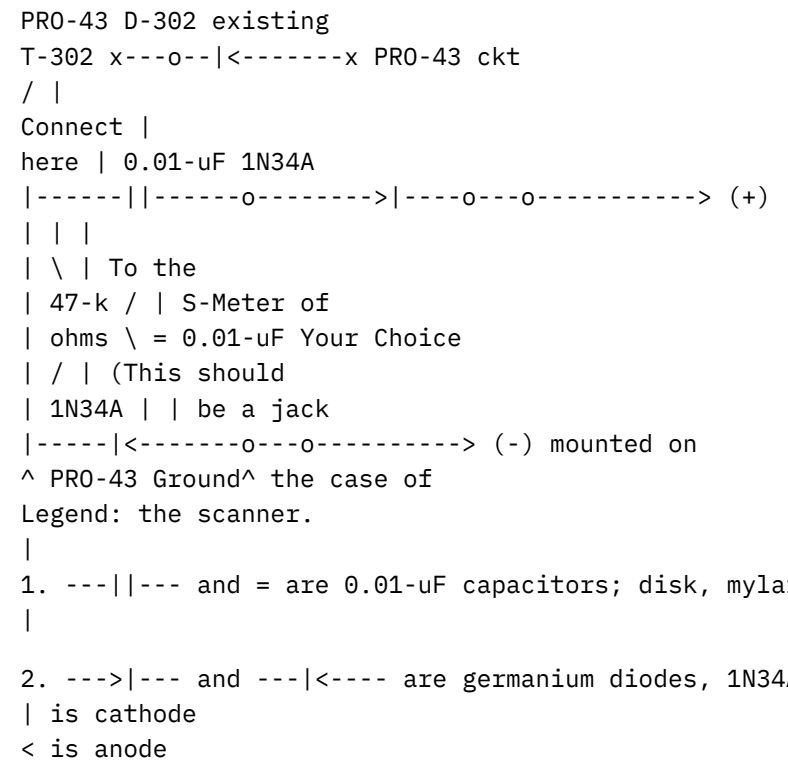
Date: 02-06-93 00:24
From: Bill Cheek
To: All
Subject: PRO-43 S-Meter!

Greetings Scanner Fans!

It had to happen! The fundamentals for an S-Meter exist alive and well in the PRO-43! Only a simple circuit and your choice of meter, analog or LED, is required for a jim-dandy S-Meter function!

The key point in the circuit is the cathode of D-302 located on the bottom (solder side) of the AF Board (middle board). You will need the Service Manual for the PRO-43 to find it as it's not marked and it would take me 10,000 words to guide you to exactly where it is located. Call Tandy National Parts at (800) 442-2425 to order your manual: approx $10. Now here is the deal:

Locate D-302 and either build the following circuit right there on the back of the AF board in the vicinity of D-302, or solder a wire to the cathode of D-302 and route it to somewhere else more convenient to feed the below circuit. This wire ought not to be very long, though, say not more than a couple of inches. Refer to the ASCII schematic diagram as follows:



1. ---||--- and = are 0.01-uF capacitors; disk, mylar, monolythic, chip
|

2. --->|--- and ---|<---- are germanium diodes, 1N34A
| is cathode
< is anode

3. o means a connection, preferably soldered

4. The 47-k resistor is self-explanatory, I hope.

5. -------- and | are wires/conductors.
|

|

6. x is existing PRO-43 circuitry

If you use an analog meter, preferably a real S-Meter like salvaged from an old junked CB rig, then rig it as follows to connect to the circuit above:

```
5-k Trim Pot
(+) --------/\/\/\/\---o--------|
| | |
This should |-------| |
be a plug of +
some sort to The S-Meter
connect to the Terminals
mating jack on -
the scanner |
|
(-)----------------------------|
```

You can also build the 10-segment LED S-Meter as shown in Volume 2 of my SCANNER MODIFICATION HANDBOOK, available from leading mail order radio dealers everywhere. ISBN 0-939780-14-3 published by CRB Research Books, Inc. Commack, NY.

After connected and working, locate the PRO-43 very near a known strong transmitter, perhaps a ham transmitter, a police cruiser, your favorite security guard's handheld or right next to a cordless telephone, or anything else known to transmit a strong signal. Tune the scanner to the frequency, and adjust the 5-k trim pot above so the meter reads exactly full scale. All other signals will read proportionally lower to yield "relative signal strength" measurements! A hell of a circuit here, boys & girls! Have fun!

Developed & distributed by: Bill Cheek
COMMtronics Engineering
PO Box 262478
San Diego, CA 92196-2478

Ok to distribute, but credit appreciated. Thanks!

Bill Cheek

--- GEcho 1.00/beta+
* Origin: Hertzian Intercept, San Diego (6pm-1pm) 619-578-9247 (1:202/731.1)

======end quoted text====================

--
_____Mike Schuster_____
NY Pub. Access UNIX/Internet: schuster@panix.com | 70346.1745@CompuServe.COM
The Portal (R) System: schuster@shell.portal.com | MCI Mail,GEnie: MSCHUSTER

From: bbb@kuhub.cc.ukans.edu (LORD BB)
Subject: PRO-43 w/400 CHANNELS HERES HOW!

IT IS NOT FOR THE FAINT OF HEART however.

PRO-43 ENHANCEMENT
MEMORY EXPANSION & "FADE-AWAY" LIGHT
Brett Bennett 4/12/94
bbb@kuhub.cc.ukans.edu
Copyright 1994 B&D Electronics All Rights Reserved

INTRODUCTION

The following document details two enhancement modifications that are possible on the Radio Shack PRO-43 scanning radio. The first modification doubles the factory standard memory capacity, allowing you to enjoy an additional 200 channels of memory, plus 10 more monitor memories. After completing the first modification, it is a fairly simple matter to add a 7 to 10 second delay feature to the LCD back-light lamp circuit. I designed and performed these modifications on my PRO-43 and they do work. As I understand it, there (has been/is being) presented in WORLD SCANNER REPORT a similar memory expansion. I have not seen this modification and for all I know it is a better way of doing it. What is presented is a 'clean-room' design of my own that to the best of my knowledge is the only one to also offer a time-delay for the LCD back-light. Having said that, let me say:

I ASSUME NO RESPONSIBILITY FOR ANYTHING THAT MIGHT HAPPEN TO YOUR RADIO SHOULD YOU OR ANYONE ELSE ATTEMPT THESE MODIFICATIONS. WHILE REASONABLE CARE HAS GONE INTO THE PREPARATION OF THE FOLLOWING DOCUMENT, I CAN NOT GUARANTEE THAT THERE ARE NOT ERRORS.

The procedure described below is very complicated, and involves the soldering and desoldering of very tiny components and the cutting of printed circuit board traces. While the procedure is not irreversible, it will leave permanent scars inside your scanner. It should only be attempted by someone with moderate to advanced electronics experience. I don't think it should be attempted by, to quote someone else, a "weekend technician." If as you read through this you feel intimidated by the jargon and required procedures or if an electronic schematic looks like a strange piece of modern art to you, then this might not be the 'mod' you are looking for. The following document will assume you have obtained the materials listed below, especially the Service Manual, and you have studied the circuit in some detail. I will not describe in great detail where every component is or where every solder point on the logic board should be placed. Having the Service Manual, and having studied the drawings therein will allow you determine to where it is I refer.

REQUIREMENTS

1 - PRO-43 Service Manual. (Tandy Parts # MS-2000300 - approx. $6.00)
1 - CD4053 - Triple - SPDT analog switch - Surface mount package (DigiKey #CD4053BCM-ND - approx. $1.50)
2 - 93C67 EEPROMs (Tandy Parts # MX-8050 - approx. $13.00/each)
1 - 100k x 5 resistor network. Common lead type. (DigiKey # Q5104)
1 - UN2111 PNP transistor (Q1 on Logic PCB. Tandy Parts #)
1 - 1 uF 16v capacitor.
1 - 10 MOhm 1/8-1/16W resistor.

Misc.:
Wire wrap wire-30 gauge. (Radio Shack)
Grounded soldering iron with approx. 1/32" tip or smaller.
Desoldering Equipment.
Digital Volt Meter. (Used to double check your VCC and Ground connections, pre-check switching assembly)
Utility knife with fresh sharp small blade. (Needed to cut traces.)
Strong hand held magnifying lens. (Needed to check solder joints.)
+5-10 Volt bench power supply. (Used to check switching assembly.)
Anti-Static work place and grounding wrist band.
Very fine needle nose pliers, wire cutters.

2095. Re: 900 mhz cordless, where?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 17:02:37 UTC
From: horak@convex.com
Message-ID: <3hiqjd$9c0@eugene.convex.com>
Source record: 261358

In <D3u8nD.1Jz@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:

>Well, I am getting bored with my choice of 14 neighbors on the 10 46 mhz
>band cordless frequencies - I heard the 900 mhz have more range (according
>to advertising of local Wal-Mart employee). I'd like to extend my monitoring
>to include the 900 mhz cordless phone users now.

The 46 MHz band is expanding to 25 channels.

>What are the frequencies commonly used for 900, such as Uniden, AT&T,
>Panasonic, etc?

Allow me to post something I stole from Mike.....

From rec.radio.scanner Fri May 6 09:50:48 1994
From: schuster@panix.com (Michael Schuster)
Date: 5 May 1994 20:38:07 -0400
Newsgroups: rec.radio.scanner
Subject: Re: 900MHZCORDLESSPHONEFREQS.

---

900 MHZ CORDLESS TELEPHONE FREQUENCIES - - 902 - 928 MHZ NFM

---

902 - 928 900 MHZ CORDLESS TELEPHONES (30-100 KHZ SPACING)

Panasonic KX-T9000 (60 Channels)

base 902.100 - 903.870 Base frequencies (30Khz spacing)
handset 926.100 - 927.870 Handset frequencies

CH	BASE	HANDSET	CH	BASE	HANDSET	CH	BASE	HANDSET
01	902.100	926.100	11	902.400	926.400	21	902.700	926.700
02	902.130	926.130	12	902.430	926.430	22	902.730	926.730
03	902.160	926.160	13	902.460	926.460	23	902.760	926.760
04	902.190	926.190	14	902.490	926.490	24	902.790	926.790
05	902.220	926.220	15	902.520	926.520	25	902.820	926.820
06	902.250	926.250	16	902.550	926.550	26	902.850	926.850
07	902.280	926.280	17	902.580	926.580	27	902.880	926.880
08	902.310	926.310	18	902.610	926.610	28	902.910	926.910
09	902.340	926.340	19	902.640	926.640	29	902.940	926.940
10	902.370	926.370	20	902.670	926.670	30	902.970	926.970

CH	BASE	HANDSET	CH	BASE	HANDSET	CH	BASE	HANDSET
31	903.000	927.000	41	903.300	927.300	51	903.600	927.600
32	903.030	927.030	42	903.330	927.330	52	903.630	927.630

33 903.060 927.060 43 903.360 927.360 53 903.660 927.660
34 903.090 927.090 44 903.390 927.390 54 903.690 927.690
35 903.120 927.120 45 903.420 927.420 55 903.720 927.720
36 903.150 927.150 46 903.450 927.450 56 903.750 927.750
37 903.180 927.180 47 903.480 927.480 57 903.780 927.780
38 903.210 927.210 48 903.510 927.510 58 903.810 927.810
39 903.240 927.240 49 903.540 927.540 59 903.840 927.840
40 903.270 927.270 50 903.570 927.570 60 903.870 927.870

V-TECH TROPEZ DX900 (20 CHANNELS)

905.6 - 907.5 TRANSPONDER (BASE) FREQUENCIES (100 KHZ SPACING)
925.5 - 927.4 HANDSET FREQUENCIES

CH BASE HANDSET CH BASE HANDSET CH BASE HANDSET
-- ------- ------- -- ------- ------- -- ------- -------
01 905.600 925.500 08 906.300 926.200 15 907.000 926.900
02 905.700 925.600 09 906.400 926.300 16 907.100 927.000
03 905.800 925.700 10 906.500 926.400 17 907.200 927.100
04 905.900 925.800 11 906.600 926.500 18 907.300 927.200
05 906.000 925.900 12 906.700 926.600 19 907.400 927.300
06 906.100 926.000 13 906.800 926.700 20 907.500 927.400
07 906.200 926.100 14 906.900 926.800

OTHER 900 MHZ CORDLESS PHONES

AT&T #9120 - - - - - 902.0 - 905.0 & 925.0 - 928.0 MHZ
OTRON CORP. #CP-1000 902.1 - 903.9 & 926.1 - 927.9 MHZ
SAMSUNG #SP-R912- - - 903.0 & 927.0 MHZ

==========

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2096. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 17:17:20 UTC
From: wilk8090@mach1.wlu.ca
Message-ID: <D3ulow.7vz@info.uucp>
Source record: 261359

David May (davidmay@u.washington.edu) wrote:
: In an effort to get a scanner without the cell range blocked out, I was
: wondering if I could buy the scanner in Canada. Are the cellular ranges blocked
: from the Canadian models of the Uniden or Realistic scanners?
:

I'm sorry to say that the realistic scanners in Canada are blocked out too. The salesman at my local store tryed to tell me it was illegal to monitor cells here. Yeah, right. Just like cordless is... Sure, buddy! Here in the TRUE land of the free, we can monitor *any* freq being broadcast.

You might find a company in Canada that might mail order you one... It's just the idiots at RS figure they're American owned, so they shouldn't carry the stuff here. Too bad, it would SELL....

Ever heard of a 'super converterII' by GRE? You'll find their ads in Monitoring times. I own one, and I must say it works great. I've got a PRO-44 that receives the 400MHZ range just fine, so with the super converter which shifts the cell range (800mhz) down, I can pick it up just fine. I think they sell for about $89US.

Scott

2097. New 25 channel Cordless Allocations

Newsgroup: rec.radio.scanner
Date: 1995-02-11 17:22:01 UTC
From: horak@convex.com
Message-ID: <3hirnp$9vm@eugene.convex.com>
Source record: 261360

********** New 43-49MHz Cordless Phone Allocations **********

NOTE: Channels 16 through 25 are identical to the old 10 channel system.

BASE	HANDSET
Channel 1	43.72 48.76
Channel 2	43.76 48.84
Channel 3	43.82 48.86
Channel 4	43.84 48.92
Channel 5	43.92 49.00
Channel 6	43.96 49.08
Channel 7	44.12 49.10
Channel 8	44.16 49.16
Channel 9	44.18 49.20
Channel 10	44.20 49.24
Channel 11	44.32 49.28
Channel 12	44.36 49.36
Channel 13	44.40 49.40
Channel 14	44.46 49.46
Channel 15	44.48 49.50
Channel 16	46.61 49.67
Channel 17	46.63 49.845 #
Channel 18	46.67 49.86 #
Channel 19	46.71 49.77
Channel 20	46.73 49.875 #
Channel 21	46.77 49.83 #
Channel 22	46.83 49.89 #
Channel 23	46.87 49.93
Channel 24	46.93 49.99
Channel 25	46.97 49.97

= 49.83-49.89 freqs commonly used for baby monitors.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2098. Damn pagers!!

Newsgroup: rec.radio.scanner
Date: 1995-02-11 17:22:55 UTC
From: wilk8090@mach1.wlu.ca
Message-ID: <D3uIy8.81M@info.uucp>
Source record: 261361

In my area, the police, FD etc. use radios around 140-143mhz. But, most of the local pager companys transmit on about 145mhz. I don't have troubles with my outdoor antenna, but mobile whip picks up pagers stronger than the police on their freq's!

Can anyone tell me what is wrong? Is my antenna out of tune?

Scott.

2099. Re: yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1995-02-11 17:39:57 UTC
From: horak@convex.com
Message-ID: <3hispd$adf@eugene.convex.com>
Source record: 261362

In <1995Feb11.161309.22074@news.wizvax.com> critter@wizvax.wizvax.com (Glenn C. Lasher Jr.) writes:

>In article <3hg0mc$kgo@relay.tor.hookup.net>,
>Dan Bjarnason <dbjarnas@toronto.cbc.ca> wrote:

>>the yupiteru can do scans in various frequency steps ... what is
>>the most practical step to set?

>824-896, try FM, .030MHz steps (if your scanner has this coverage)

Actually, 824-849 and 869-894 needs to be 10 KHz steps on the Yupi since it has no 30 KHz capability. Makes for very slow scanning but at least all the channels are scanned.

By the way, you'll soon discover how much the *minimum* 2 second delay SUCKS for scanning 800 MHz trunked stuff. You'd think that these same folks who designed 5 different battery save functions into the radio could have made more than 2 choices of delay (2 or 4 seconds). Otherwise, the Yupi is a supurb radio. Sometimes I wonder if there are engineers paid to think up STUPID things to do to radios just to make sure there is no such thing as a near-perfect radio. :-/

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2100. pro-2022 beeb

Newsgroup: rec.radio.scanner
Date: 1995-02-11 18:03:10 UTC
From: Airfed1@ix.netcom.com
Message-ID: <3hiu4u$oei@ixnews2.ix.netcom.com>
Source record: 261363

Does anyone have any info on how to eliminate the keypad beep on the
2022?

2101. Re: PRO-51 internal mod??? was Re: Eureka!!! PRO-51...

Newsgroup: rec.radio.scanner
Date: 1995-02-11 18:18:16 UTC
From: knob@netcom.com
Message-ID: <knobD3uLIG.Mx8@netcom.com>
Source record: 261364

In article <3hgaj6$217@tattoo.sccsi.com>, Pat Talbot <ptalbot@sccsi.com> wrote:
knob-:
knob-:Does anybody know of an internal mod that can be made to PRO-51 models
knob-:that have a later date code? I have a 8A4 code, and the keyboard mod
knob-:does not restore 869-896Mhz. Any help is greatly appreciated.

Sorry dude, you're outta luck. There are none. 8A4 or greater is
unmodifiable easily (without processor reprogramming I would imagine).

Take it back and get a 7A4!

-Jeff
--
-=-
knob@netcom.com KNOB! '93 Corvette for sale
Finger knob@netcom.com for more info...
-=-

2102. Re: AR-8000 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-11 18:23:28 UTC
From: wa1omm@aol.com
Message-ID: <3hivb0$3ro@newsbf02.news.aol.com>
Source record: 261365

Hmmm ... shouldn't cost anything to restore cellular. All one has to do is clone the UK version to the USA version. The AOR CU-8232 interface allows that. No software required since the cloning function is built into the AR-8000 (both the USA and UK models).

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

2103. Re: Restaurant Pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-11 18:25:26 UTC
From: kg5ai@w5ac.tamu.edu
Message-ID: <3hivem$k8j@news.tamu.edu>
Source record: 261366

One pager that I took into the car and took apart was in the 49 MHz band.
Specifically, 49.845 MHz. Don't think you can hear the base too far away.

--
Myles Barkman KG5AI kg5ai@w5ac.tamu.edu College Station, TX Ag '92 BSEET
Web page at http://w5ac.tamu.edu/~kg5ai -- has some Texas Freq lists

2104. Cellular in Canada

Newsgroup: rec.radio.scanner
Date: 1995-02-11 18:54:16 UTC
From: hancock@mbnet.mb.ca
Message-ID: <hancock.13.0012E825@mbnet.mb.ca>
Source record: 261380

While the scanners RS sells in Canada are blocked the majority of them are modifiable to receive cellular. The unmodifiable ones have not reached CDA yet, at least here in Manitoba. I just bought a Pro 43 which is totally modifiable also the 2006 is still modifiable. Many of the Uniden models sold in CDA are unblocked for cellular. This may change soon however!

2105. Uniden Bearcat 8500XLT Sale

Newsgroup: rec.radio.scanner
Date: 1995-02-11 19:19:17 UTC
From: dew@UWYO.EDU
Message-ID: <1995Feb11.121918.8219@roper.uwyo.edu>
Source record: 261370

I have a 5 month old BC 8500XLT that I don't use. I would like to sell
it for $300 or make me an offer....
500 channels, 20-1300 MHz, scans at 100 ch/sec, VFO controll, auto sort,
auto store, alpha numeric display.
For more info e-mail me at DEW@plains.uwyo.edu

2106. Posting Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-11 19:36:02 UTC
From: arnold@mill2.millcomm.com
Message-ID: <3hj3j2$qda@news.millcomm.com>
Source record: 261369

Can I post textfiles with frequencies in here? Or is there another
place for that?

Thanks,
Chris

2107. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 21:11:10 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D3utIn.3Jr@freenet.carleton.ca>
Source record: 261371

In a previous posting, David May (davidmay@u.washington.edu) writes:
> In an effort to get a scanner without the cell range blocked out, I was
> wondering if I could buy the scanner in Canada. Are the cellular ranges blocked
> from the Canadian models of the Uniden or Realistic scanners?

The Shack stuff is blocked. It is not illegal to monitor cell in Canada, but
shack only sells blocked scanners, because they sell cell phones.

--

2108. advice for rookie

Newsgroup: rec.radio.scanner
Date: 1995-02-11 21:12:01 UTC
From: curvivor@ix.netcom.com
Message-ID: <3hj971$4fj@ixnews3.ix.netcom.com>
Source record: 261350
Cross-posted to: alt.radio.scanner,rec.radio.scanner

After 33 yrs in computer maintenance and two PCs at home I
think I'll get into scanning. I need something else, a diversion. I've
been reading the radio and scanner news groups for a month or so now and
of course I find out that scanning is getting PC'ed so I guess there's
no getting away from it.{:-) I would like to draw on on all that
expertise out there to get me started.
I am open to all info. Would like your opinions on a good
scanner to start with. I am leaning toward a handheld but could also go
for base unit on the counter instead. I have looked at PRO-62 And
Pro-2035!?? Do most have good luck when buying from the net sellers???
or is that real chancy??? Saw a PRO-2006, with mod for $300 on net, Good
deal????
Post to newsgroups for other rookies to read or Email, either
OK. Thanks in advance, Al

--
"It's OK to give in, but NEVER give up!"

2109. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-02-11 21:45:00 UTC
From: terry.mccarty@outland.raleigh.nc.us
Message-ID: <8A35429.0278001156.uuout@outland.raleigh.nc.us>
Source record: 261372

Here is an interesting article I picked up from a local BBS. Seems like the best explanation I have heard regarding the name "Ham". Guess if some one really wanted to check it out they could go to the Congressional Record for the dates listed as well as newspapers of the time. Anyway it sounds good. Hope you enjoy.

WHY RADIO AMATEURS ARE CALLED "HAMS"
From Florida Skip Magazine - 1959

Have you ever wondered why radio amateurs are called "HAMS"? Well, it goes like this: The word "HAM" as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the Harvard Radio Club. They were ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY.

At first they called their station "HYMAN-ALMY-MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU", using the first two letters of each of their names. Early in 1901 some confusion resulted between signals from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO". They then decided to use only the first letter of each name, and the station CALL became "HAM".

In the early pioneer days of unregulated radio amateur operators picked their own frequency and call-letters. Then, as now, some amateurs had better signals than commercial stations. The resulting interference came to the attention of congressional committees in Washington and Congress gave much time to proposed legislation designed to critically limit amateur radio activity. In 1911, ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for his Thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID I. WALSH, a member of one of the committees hearing the Bill. The Senator was so impressed with the thesis is that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through that they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL and little station "HAM" became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about the "...poor little station HAM". That's how it all started. You will

find the whole story in the Congressional Record.

Nation-wide publicity associated station "HAM" with amateur radio
operators. From that day to this, and probably until the end of time in
radio
an amateur is a "HAM"

terry.mccarty@outland.raleigh.nc.us (Former K1SWL)

2110. Re: Damn pagers!!

Newsgroup: rec.radio.scanner
Date: 1995-02-11 21:55:38 UTC
From: hemstree@vcd.hp.com
Message-ID: <hemstree-1102951355380001@b1shvb01.vcd.hp.com>
Source record: 261373

Scott,

I doubt that the pager companies are using 145mhz for transmitting.
145mhz is an allocated amatuer frequency. Probably what you are hearing
is what is know as "cross-modulation". This the interference of signals
in closs proximity to your receiver, or "overloading the front end" of
your radio. Unfortunatly, pager companies are known for extremely
powerful output and have a tendency to "band-splatter" and overload
everything from ham-radios to scanners. I resolved the problem by
purchasing a higher quality receiver.

Your subject says it all. Pagers are the bane of scanning and amatuer
radio enthusiasts alike.

Good luck,
Charles

In article <D3uIy8.81M@info.uucp>, wilk8090@mach1.wlu.ca (Scott Wilkins u)
wrote:

> In my area, the police, FD etc. use radios around 140-143mhz. But, most
> of the local pager companys transmit on about 145mhz. I don't have
> troubles with my outdoor antenna, but mobile whip picks up pagers
> stronger than the police on their freq's!
>
> Can anyone tell me what is wrong? Is my antenna out of tune?
>
> Scott.

2111. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-11 22:23:22 UTC
From: davidmay@u.washington.edu
Message-ID: <3hjdcq$eoo@nntp1.u.washington.edu>
Source record: 261374

In article <D3utIn.3Jr@freenet.carleton.ca>,
>The Shack stuff is blocked. It is not illegal to monitor cell in Canada, but
>shack only sells blocked scanners, because they sell cell phones.

What about non-R.S. scanners like Uniden. Are they blocked too?

2112. Re: Standardized data files for computer controled radios

Newsgroup: rec.radio.scanner
Date: 1995-02-11 23:11:51 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3hjg7n$i9q@sparc.occ.uky.edu>
Source record: 261304
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Victor Healey (ki4je) (vhealey@crl.com) wrote:
: From email and other posting it appears that it is a worng idea to
: standardize on a program like Microsoft Access. No matter how good
: it is, someone out there could not use it.

: Therefore what information should be posted in comma or tab delimited
: fields that each ones own database program coiuld rapidly read and use.

Even though I use Access, I agree that it is a bad choice for a "standard". What about dBase-formatted? Most database programs can import dBase files, as can spreadsheets and some word processors. Comma or tab delimited adds an extra conversion step that complicates life for inexperienced users. How about copying the format of some commonly available dBase file (Percon CD?) as the "standard"?

Another suggestion would be to use the AR8000's "MX" format so it would be ready to load with no conversion other than bank and channel editing.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

2113. Re: AR-8000 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-11 23:25:03 UTC
From: cliffs@lazlo.steam.com
Message-ID: <3hjh0f$i76@kadath.zeitgeist.net>
Source record: 261376

Daryll1 (daryll1@aol.com) wrote:
: The USA version of the AOR AR-8000 is modifiable for cellular. It takes a
: computer interface and a special piece of software to do it. I just did
: mine, works great. If there is a big enough demand for it, I'll do
: others. Would a $75 fee plus shipping be about right???
: ....Daryll

$75 for 7 minutes of work...what a margin...

BTW people this is not hard, basically you clone an unblocked radio to
a blocked radio. The parts can be ordered from Javiation or any
of your favorite non-US suppliers.

--
Cliff Skolnick N1DPH | Remember you are unique, just like everyone else.
cliffs@steam.com |
PGP key via finger | /earth is 98% full, please delete anyone you can.
Just say "NO" to clipper | -- Zippy?

2114. Re: AR-8000 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-11 23:30:11 UTC
From: 76703.4224@CompuServe.COM
Message-ID: <3hjha3grk1@mhadg.production.compuserve.com>
Source record: 261377

Why pay you when ANYONE can pick up cellular in the 1400MHz range of any AR8000? :-)

2115. Re: USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-11 23:38:33 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3hjhpp$6r6@roch0.eznet.net>
Source record: 261378
Cross-posted to: rec.radio.scanner,alt.radio.scanner

vhealey@crl.com (Victor Healey) wrote:
>
> I need to know if any one has purchased a cdrom that has streets counties etc.
> I need one that has longitude and latitude on it.
> I want to use it in conjuction with the long. and lat.
> data I get from the PerCon Cdrom as to TX locations.
>
> I would love to give the program two long and two lat coordinates
> and get a map of everything in between.
> Is there anything that meets this requirement?

You can get a CD with the FCC database and a mapping program
from Grove Enterprises, PO Box 98, Brasstown, NC, 28902.

If you just want a mapping program that includes county lines,
you can try Precision Mapping by S&S Publishing, Inc, PO Box 552,
Lemont, IL, 60439. Their current edition is a DOS application, but they
plan to make it a Windows app for the next release.

2116. Baby monitors?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 00:49:09 UTC
From: kerhop@eskimo.com
Message-ID: <D3v3Ly.Con@eskimo.com>
Source record: 261381

I saw a post requesting this but no response, what freqs are
used for baby monitors?

--
+*-*+
| |
| http://www.eskimo.com/~kerhop See you on the web! |
| |
+*-*+

2117. Re: Posting Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-12 01:05:09 UTC
From: robertso@bev.net
Message-ID: <3hjms5$9la@solaris.cc.vt.edu>
Source record: 261382

In article <3hj3j2$qda@news.millcomm.com>, arnold@mill2.millcomm.com (Chris) says:
>
>Can I post textfiles with frequencies in here?

POST AWAY ! (I know of no other place for freqs)

2118. >Help< BC-200 POWER Prob.b

Newsgroup: rec.radio.scanner
Date: 1995-02-12 01:59:44 UTC
From: kosborne@charlie.usd.edu
Message-ID: <D3v6vL.6v9@sunfish.usd.edu>
Source record: 261384

Hello Bearcatters... here is my problem.

My scanner will not turn on when using just the battery pack.
I have had both that I own checked, and they are both fully charged, and OK.

If I plug the scanner in to AC, and turn the scanner on it works fine, I can even disconnect the power plug and run the scanner off batteries.

The scanner won't "fire up" off batteries alone, it just clicks.

BTW... in the coursed of trying to figure this problem out, I did do one of the "battery mods" just to see what would happen. Nada.

HHHHHHHHHHHHHHHEEEEEEEEEEEEEEELLLLLLLLLLLLLLLLLLLLLLLLPPPPPPPPPPPPPPP!!!

Does anyone have a suggestion??

Kent

2119. Re: PRO-2022

Newsgroup: rec.radio.scanner
Date: 1995-02-12 02:25:16 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3v824.Hyn@nntpa.cb.att.com>
Source record: 261385
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <29a_9502100224@blkcat.fidonet.org>,
Gerald Miller <Gerald.Miller@f239.n109.z1.fidonet.org> wrote:

> I'm new to the scanning arena, and acquired a PRO-2022 recently.
> I would like to hear from anybody out there who has had any dealings
>with this scanner, and who can give me some info on it...

last changed February 1, 1995 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

...

PRO2021: Base/mobile scanner. 200 channels in 10 banks,
LCD display and raised rubber keys. Lots of memory but
scans too slowly and lacks 800 MHz. Ten "monitor"
channels. Radio Shack seemed to have an overstock of 2021s
as they were on sale for such a long time. Close out price
dipped to about $200, which made it a nice scanner for
beginners. |

PRO2022: Base/mobile scanner. Like the PRO2021 but |
includes the 800 MHz band. Cellular images throughout the |
847.6 - 869 MHz range. Includes power saver circuit, odd |
for a base unit, which can clip the first part of a |
transmission.
...

I have performed these modifications on my PRO-2022 to suit a specific
purpose -- unattended operation:

1) added toggle switch which defeats the electroluminescent
backlight.

2) added fixed level audio output jack, used to feed low level
audio to an in-home repeater made from a modified baby monitor
transmitter.

Also:

- added a flashing green carrier light (LED).
--

==========
Copyright 1995, Bob Parnass, AJ9S

AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2120. Wanted: Tampa, FL frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-12 02:26:55 UTC
From: rbranden@gate.net
Message-ID: <3hjrlf$2cog@tequesta.gate.net>
Source record: 261386

Please (anyone) post some Tampa area frequencies, other than police, fire and fast food.

Thanks

R. Brandenburg
rbranden@gate.net

2121. Re: Scanning Publications

Newsgroup: rec.radio.scanner
Date: 1995-02-12 03:14:54 UTC
From: lonniel298@aol.com
Message-ID: <3hjufe$a5j@newsbf02.news.aol.com>
Source record: 261387

You might want to check into U.S. Scanner News. There phone number is
1-800-890-6999.
The address is:
U.S. Scanner News
p.o. Box 14923
Portland, Oregon 97214

They are the same people who brought you The FCC Frequency Almanac.

2122. Digital and scrambled cordless phone reception

Newsgroup: rec.radio.scanner
Date: 1995-02-12 03:42:50 UTC
From: tabone@ibm.net
Message-ID: <3hk03q$1jut@news-s01.ny.us.ibm.net>
Source record: 261388

What options are available for un-digitizing and/or un-scrambling cordless phone reception. I am presently using a Bearcat 200XLT.
Thanks,
Tom

2123. Re: Uniden BC200XLT

Newsgroup: rec.radio.scanner
Date: 1995-02-12 04:16:57 UTC
From: fporlowi@prairienet.org
Message-ID: <3hk23p$puf@vixen.cso.uiuc.edu>
Source record: 261389

In a previous article, urtruvoice@aol.com (URTruVoice) says:

>I own a Uniden Bearcat 200XLT hand-held scanner. I would like to reset
>all programmed channels to 000.0000 which was the factory setting. Am I
>able to do this? If so, how? I have tried letting the battery pack run
>completely down, but that didn't work! HELP!
>
Hold down the MANUAL, 2 and 9 keys and turn on the radio after a few
seconds you should hear a pop and all the channels will be set to 0.

--
Are we having fun yet?

Frank

2124. Re: AR8000 birdie?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 04:37:05 UTC
From: steves4626@aol.com
Message-ID: <3hk39h$b5t@newsbf02.news.aol.com>
Source record: 261390

No bird on mine!

2125. Re: STS-63 and NASA tv???

Newsgroup: rec.radio.scanner
Date: 1995-02-12 05:29:21 UTC
From: mgarrett@prairienet.org
Message-ID: <3hk6bh$6eg@vixen.cso.uiuc.edu>
Source record: 261391

In a previous article, dbaker@tiger.lsu.edu (David B Baker) says:

>
>
>Our local cable operator has neglected to add NASA tv to it's
>channel lineup during shuttle missions (something it has done for
>sporting events in the past).But the bottom line is: I can't find
>a way to watch NASA tv...
>I understand (maybe not correctly) that , like the audio from HOUSTON
>(which I AM able to get on the local HAM repeater), the VIDEO may
>be retransmitted. I have seen text files on the subject that mention
>rebroadcasts on channel 58 of a cable ready tv, as well as
>one of the OSCAR sats repeating the signal.
>
>My question is this: can someone clarify this for me?
>
>If anyone can help me figure out if it's possible for me to pickup
>the NASA tv signal from SOMEWHERE other than a cable company,
>I'd certainly appreciate the help!
>
>Dave
>
>email: dbaker@tiger.lsu.edu

Dave:
Amateurs have been given permission to retransmit NASA select during shuttle missions, with some retransmissions occuring on Amateur Television remote bases and repeaters. Some of the Amateur Television repeaters have outputs that are accesable by cable ready televisions using outdoor antennas. The best bet is to check with some of the local amateurs in your area to see if NASA select television is being retransmitted.>

--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

2126. Re: WANTED: antenna for CB and scanner; scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-12 05:44:28 UTC
From: ncarrigan@aol.com
Message-ID: <3hk77s$c2u@newsbf02.news.aol.com>
Source record: 261392

Try the R/S on-glass scanner antenna.... it works pretty good. I just bought mine on Friday and it works like a charm. It will receive 25-1300 and transmit also. So it should work fine for CB... just don't run a gigawatt off of it!

It's product number... hmm.. lemme see... 20-011 and it's $29.99... not bad for ANY on-glass mount!

2127. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-12 05:53:29 UTC
From: ncarrigan@aol.com
Message-ID: <3hk7op$c5s@newsbf02.news.aol.com>
Source record: 261393

Are we talking NFM or WFM?

Also, that range is also the fed range, so it's possible that it was a bugged drug house, etc...

So far, in the Seattle area, I've never detected any bugs at all. But since they're so low powered, I really wouldn't guess to either...

Nick

2128. 2006 /w 455 khz hookup, anyone else have it???

Newsgroup: rec.radio.scanner
Date: 1995-02-12 06:07:52 UTC
From: ncarrigan@aol.com
Message-ID: <3hk8jo$cbi@newsbf02.news.aol.com>
Source record: 261394

I finally obtained the Pro2006 455khz mod and I just made it about an hour ago. It works very nicely, albeit it wasn't as simple as the mod mad it sound. Well, I guess it could be if my technique was vastly improved.

Anyway, I was wondering if anyone else has this mod and what exactly they did, in terms of connectors, etc... Right now, I presently just have a wire antenna coming out of the screw-in antenna hole, so I'm looking for suggestions on the best connectors, etc... I'm using a Drake R-8 with the 2006 and it does seem to work like a charm. The only bad thing is, if the 2006 is too close to the R8, the really strong signals will create some sort of feedback vibration.

Also, I'm wondering what the 2006 with the 455 khz can do that I haven't thought of? And if possible, I'd like to get my hands on some freqs that take SSB? I know of the ham ones, but I'm curious to know if there are others.

Nick

2129. SATCOM help...

Newsgroup: rec.radio.scanner
Date: 1995-02-12 06:09:53 UTC
From: ncarrigan@aol.com
Message-ID: <3hk8nh$cci@newsbf02.news.aol.com>
Source record: 261395

I'm wondering if any SATCOM people out there can inform me as to the best procedure/equipment in receiving these signals? I've got a 2006 with a descent outside antenna. I'm told a preamp will greatly help the cause some, so I'll probably have to pick one up somewhere...

I have the entire list of frequencies if anyone else needs them...

Nick

2130. Re: What are the Uniden BC2500XLT freq. ranges?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 06:15:42 UTC
From: jeevan@chinook.halcyon.com
Message-ID: <3hk92e$nci@news1.halcyon.com>
Source record: 261396

Personally, I have found my battery life to be pretty good. I used one battery two hours a day for about two and a half days, just this week. With two batteries, you can berly stay up as long as the batteries last. And my BC2500XLT came with two batteries. :). I have been pretty satisfied with this scanner which I got only a couple of weeks ago. It's not cell moddable, but from what I read about the BC3000XLT, even though the performance sounded better, I didn't like the sound of the idiot features. But I love MS-DOS too, so I'm just strange :->

-Zeet

2131. Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 06:18:03 UTC
From: wmerrell@news.epix.net
Message-ID: <3hk96r$bjq@grape.epix.net>
Source record: 261397

Does anyone know of a way to remove scratches on the
face of the LCD panel on handhelds?
Thanks!

Bill

2132. Re: Damn pagers!!

Newsgroup: rec.radio.scanner
Date: 1995-02-12 06:23:30 UTC
From: jeevan@chinook.halcyon.com
Message-ID: <3hk9h2$gp@news1.halcyon.com>
Source record: 261398

Isn't that because the pagers always have such miserable recievers in them? I mean, the range most pagers get (local pagers) could be done with maybe 20W if the pagers had good antennas and receivers, right? I live in an area with few paging towers, so this doesn't really affect me, but don't most paging companies use too much power for the application?

-Zeet

2133. Bearcat 150

Newsgroup: rec.radio.scanner
Date: 1995-02-12 07:58:24 UTC
From: palmer@blade.wcc.govt.nz
Message-ID: <3hkf30$gnm@golem.wcc.govt.nz>
Source record: 261399

Ive been offered a Bearcat 150

Can someone tell me the Frequency ranges
Scan I put in an Upper/Lower limit and search between these
How old are they

Thanks

John Palmer

2134. Re: Restaurant Pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-12 08:13:12 UTC
From: robert@eden.com
Message-ID: <3hkfuo$ohl@boris.eden.com>
Source record: 261400

When you go to a fancy restaurant.. you tell them how many in your party and smoking or non and they hand you a pager.. it's white and about the size of a brownie.. it's almost perfectly square. It will have a number on it.. like 15 which is what they will page you with.. you have a short range of just in the immedite area of the restaurant. When your are next for a table they will page you.. the terminal they page from is just a large box with a telephone type keypad on it.. and the # button serves as a page button... there is a BNC connection at the top of the box but I've even seen restauants have coax going up a pole with the antenna mounted on the pole.. I guess they do that no only for range but usually because this box is right there on the hostess stand and they want it to look halfway professional. When your pager goes off.. it will vibrate a serious of pulses over and over for about 21 seconds. I should mention that this pager has no obvious buttons on it.. you would have to use a pen or pencil to turn it on or off because of the recessed slide switch it has. The antennas that I have seem are most likely VHF as they usually the same you'd expect to find on a VHF handheld. I suspect something like 154.515 or something like that..

Guess I just need to camp out in the parking lot of one of these places on a crowded night.. and put in all the low power type freqs fro police call until I can confirm something.

2135. Re: USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-12 08:27:35 UTC
From: mikest@chinook.halcyon.com
Message-ID: <3hkgpn$e9o@news1.halcyon.com>
Source record: 261401
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I use what PerCon recommended to me; AutoMap Pro with the AutoMap Steets CDROM. AutoMap pro costs about $400 and streets is ~$35. you get one "free" extended map an you must enable the others as you need them for a fee. (they had a special to enable the entire disk for $200 a while back). they can be contacted at 206.455.3667 (btw automap pro was purchased by microsoft so this ddata may nolonger be valid)

it works great! the PerCon software (FCC 3.1.1) will export data directly to .DBF format supported by automap (lat long conversions are required).

i checked out MApExpert and it DOES NOT support database input, all entries are by hand.

2136. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-02-12 11:21:00 UTC
From: terry.mccarty@outland.raleigh.nc.us
Message-ID: <8A361B9.0278001157.uuout@outland.raleigh.nc.us>
Source record: 261402

You might be Considered a Redneck if...

* Your front porch collapses and you kill more than 6 dogs

* You've ever used lard in bed

* You think potted meat and saltines are an hors d'oevre

* There is a stuffed possum mounted anywhere in your house

* You consider a six-pack of beer and watching a bug-zapper quality entertainment

* Less than half of the cars you own run

* Your mother doesn't remove the Marlboro from her lips before telling the state patrolman to kiss her ass

* The main color of your car is "primer"

* You honestly think women are turned on by animal noises and seductive tongue gestures

* Your family tree doesn't fork

* Your wife's hairdo has ever been caught in a ceiling fan

* Your mother has ever been involved in a fist fight at a high school sports event

* You've ever B-B-Qued spam on the grill

* The neighbors started a petition concerning your Christmas lights

* Your brother-in-law is your uncle

* The rear tires on your car are twice as wide as the front ones

* You consider True Story and Field & Stream deep reading

* You prominently display a gift you purchased at Graceland

* The diploma hanging in your den includes the words "Trucking Institute"

* You've ever worn a tube top to a wedding

* You think Dom Perignon is a Mafia leader

* The most common phrase heard ar your family reunion is "What the hell are you looking at, Shithead?"

* You think beef sticks and moon pies are two of the major food groups

* You think Campho-Phenique is a miracle drug

* You have more than two brothers named Bubba or Junior

* You think a Volvo is part of a woman's anatomy

* You think the styrofoam cooler is the greatest invention of all time

* You have a rag for a gas cap

* You had a toothpick in your mouth when your wedding pictures were taken

* You've ever used a weed eater indoors

* Your lifetime goal is to own a fireworks stand

* You have a fly-strip hanging above the kitchen table

* Your matchbook doubles as a toothpick

2137. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-12 15:16:15 UTC
From: watergate1@aol.com
Message-ID: <3hl8nv$ftd@newsbf02.news.aol.com>
Source record: 261403

You seem so surprised. Don't be! This isn't that uncommon. I, too, am sure if he calls the hotel manager and asks, the manager will say no. He may or may not even know and if he does he probably won't admit it.

2138. DOES ANYONE HAVE BC140 MODS?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 16:24:05 UTC
From: eagle@world.std.com
Message-ID: <D3wAw5.H2@world.std.com>
Source record: 261404

Could anyone e-mail me or post a response to the great life question
of BC140 mods.

2139. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-02-12 16:54:30 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <792608070.159snx@n2ayj.overleaf.com>
Source record: 261405

ATTENTION:

The "Florida Skip" article has been reliably demonstrated to be
pure, unadulterated tripe, unsubstantiated in any way, shape or form.

Thank you. Have a nice day.
--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com

2140. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 17:27:46 UTC
From: paul@panix.com
Message-ID: <3hlgei$fr@panix2.panix.com>
Source record: 261406

>>Does anyone know of a way to remove scratches on the
>>face of the LCD panel on handhelds?

I've used toothpaste to remove scratches from plastic. Toothpaste might be better for removing scratches from the case of a scanner though. Careful experimentation is the way to go.

paul

2141. San Diego PD Freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-12 18:02:52 UTC
From: kerry.lingo@giffy.com
Message-ID: <9502121030122967@giffy.com>
Source record: 261407

Does anyone know where I can obtain a list of freqs use dby San Diego Police and San Diego County Sheriff? (I have a scanner capable of the 800mhz feqs.) I'm especially interested in the Tactical freqs.
Calling the SDPD is non-productive. Matter of fact, years ago my brother purchased a crystal (like 15 yrs. ago) for the freq. that the narcotics task force used for inter car communication. He was stopped after purchasing the crystal by 4 agents and questioned as to why he wsa in posession of the crystal. He told them he suffered from insomnia and to f/off!
thanks

2142. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-12 18:30:13 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D3wGqD.Ko7@nntpa.cb.att.com>
Source record: 261408
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D3vBA9.9wr@agora.rdrop.com>,
Steve Culliton <stavros@agora.rdrop.com> wrote about the BCT-7:

>.... Is it really pre-programed for all states?

Using a keyboard sequence, the scanner will scroll through
all states one by one displaying the state abbreviation, e.g.,
IL. You indicate which state you are in and the BCT7 will
use the freqs for that state from then on.

The guy who consulted with Uniden and provided the frequency
information for this model is a cop and member of my scanner club.
I can't say whether he made a mistake here or there, but
the Illinois State Police mobile extender and car-to-car freqs
looked ok to me.

The BCT-7 scans many 800 MHz frequencies which are used
by non-police agencies here and so I have concerns about
the accuracy of its choice of 800 MHz allocations.

I said:

>>The BCT-7 I had on loan was an early unit (sales sample #1, really)
>>and had image problems, including cellular phone images despoiling
>>the 800 MHz band.

Steve asked:

>How long ago was that?

Within the last 3 months or so.

>And did you have any other problems with it?

I had image problems on several frequencies when using
an outdoor antenna on the roof. That's no surprise as the BCT7
does not use up conversion. It is really designed for a specific
mobile use with a low (or no) gain antenna and I never took it
mobile. The evaluation sample didn't come with a DC power cord or mobile
mounting bracket. Perhaps they are included with production units.

The audio seemed pretty good, though. Seems like it would be
suitable for your use.
--

==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2143. PRO-43 vs. AR-8000

Newsgroup: rec.radio.scanner
Date: 1995-02-12 18:41:42 UTC
From: "Michael J. Fenech" <71351.35@CompuServe.COM>
Message-ID: <3hlkp6$1ik$1@mhadg.production.compuserve.com>
Source record: 261409
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I currently own a Realistic PRO-43 scanner. I'm thinking of getting a scanner with more features and continuous coverage. I've narrowed my choices down to the AOR-8000 and the Yupiteru MVT-7100. I'm leaning towards the 8000 as many of it's features are appealing (alpha tags, 50 chs/bank, RS-232, etc.). What I am really concerned about is the actual performance of the radio; things such as sensitivity, problems with images and especially intermod (I live in Toronto - big city, many pagers!). Is there anyone who has both a PRO-43 and an AR-8000, who might offer some observations regarding the above concerns? I consider the PRO-43 to be an excellent performer, so if the AR-8000 is at *least* as good, I'll get one.

Thanks in advance,
Michael J. Fenech
71351.35@Compuserve.com

2144. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-12 19:37:09 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3hlo15$9db@sparc.occ.uky.edu>
Source record: 261410

Victor Healey (vhealey@crl.com) wrote:

: The reason this scanner rejected your frequencies is that you overlooked the
: requirement that the frequency must be divisable by step size. Ie the step size must
: be a factor of the desired frequency. Do the math on what you tried and see if
: I am not correct.

We must have an ESP net going - I spent about two hours "discovering"
this same problem this morning. I guess that's why the 15KHz step is not
in the standard step selection.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

2145. Re: Restaurant Pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-12 19:48:44 UTC
From: 76262.254@CompuServe.COM
Message-ID: <3hlomsqjr1@mhadf.production.compuserve.com>
Source record: 261411

You took the pager to the car and took it apart to see the frequency?! I thought I was the only one that would do something like that. I guess if scanning is in your blood, you'll do just about anything to get any elusive freq!!!!

2146. Re: import law

Newsgroup: rec.radio.scanner
Date: 1995-02-12 20:10:27 UTC
From: steven@sgb.oau.org
Message-ID: <D3wLDH.4M4@sgb.oau.org>
Source record: 261412

opp@worldweb.net wrote:
: > If I as a U.K. citizen buy a UK model AR8000, can I sell it to an american
: > citizen as a second hand product legally. If it is legal I was thinking
: > about setting up a service selling "2nd hand" UK model AR8000's to US
: > buyers looking for scanners without cellular lockout.

: First of all, I'd hire a lawyer...secondly, who wud want to pay your
: markup. the scanners are expensive enough w/o a middle man involved.

I should remind you also - Javiation in the UK, and Atlantic Ham Radio have no trouble shipping them into the U.S., so I'd like to modify the question to be why would anyone want one second hand from you when they can have one new for about the same price?

As for the AR8000, since it is possible to import them from overseas and Canada, and using the clone function adds cellular, it is possible for any enterprising folks in the US to purchase the radio and interface from the UK, purchase units from EDCO (the ones with FCC approval on them), upgrade them to full cellular, and resell them for a small difference in cost - with FCC certification - all without evening opening the units!

Now we have cellular units with FCC ID which can be sold in the US!

There are many options available now some are with fully alterable EEPROM storage for their program code. I guess they are like the V.34 modems, with FlashROM upgrade options. It will be nice when the Radio Shack and Uniden units have the same technology.

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@iag.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2147. Re: Wow cell phones on a $30 Radio.

Newsgroup: rec.radio.scanner
Date: 1995-02-12 20:11:01 UTC
From: romulus@escape.com
Message-ID: <3hlq0l$g8c@beyond.escape.com>
Source record: 261413

BAlbu (balbu@aol.com) wrote:
: (possibly
: >channel 83, the UHF knob was broken). I was "watching" this channel by
: >accident. Honest! :-)

: I know what you mean every once and a while my scanner goes up to that
: "800" band for no reason at all. I can't explain it. I try not to listen,
: but sometimes I can't change it and I hear some strange things

heheheh you guys are killing me. But seriously. last night I was doing my usual scanning, when I accidently entered 870.45, I heard an interesting conversation, but really tried my best not to listen. I tried unplugging my pro-43 from the power supply, but alas, my bateries were still in it. I tried to remove my scanner from it's protecting case, so that I could remove the batteries and here "NO MORE". Too late; by the time I removed my bateries, I heard the whole conversation. Oh well, At least I tried:)

2148. Re: SCA Questions

Newsgroup: rec.radio.scanner
Date: 1995-02-12 21:05:56 UTC
From: jsoft@MCS.COM
Message-ID: <3hlt7k$9l9@Mars.mcs.com>
Source record: 261415

Mainstream is available as SCA in most major cities. I know Chicago, NY, etc. all have this as a newsfeed service with all the AP, Reuters, Dow, etc. wires.

Nope, don't know how to read it but is is in a packet format, FEC overhead on a 25kbps system, and vesigal AM. Seems really fast for subcarrier.

OK, folks, get your decoder equipment out as this is not for the faint-hearted!

--Joe

2149. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 21:21:00 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1995Feb12.162100@hnrc.tufts.edu>
Source record: 261416

In article <3hl0ug$d33@panix3.panix.com>, schuster@panix.com (Michael Schuster) writes:
> In article <3hk96r$bjq@grape.epix.net>,
> Async User <wmerrell@news.epix.net> wrote:
>>Does anyone know of a way to remove scratches on the
>>face of the LCD panel on handhelds?
>
> Go to a good audio store and buy a kit for "repair" of CD's. One of the
> compounds is a light polish used to remove small scratches from the data
> (polycarbonate) side of the disc.

Interesting. Toothpolish has been recommended for repairing CD's. I don't know if this is effective 'cause I've never tried it myself, but it makes me wonder whether it wouldn't work here, too.
I'm just thinking out loud. Don't try this on anything you can't afford to lose unless someone else wants to take responsibility for giving you the go-ahead.

2150. Pro-44 modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-12 21:38:49 UTC
From: bob@advantage.com
Message-ID: <3hlv59$j6d@scipio.cyberstore.ca>
Source record: 261417

My brother recently posted a message in this group regarding possible modifications to a Netset/RS Pro-44 which I got last week as a gift.

I have enjoyed listening to the usual police calls and some HAM stuff, but, I know that his Pro-43 has been modified to get access to other frequencies. What I was wondering is whether or not there is any information out there dealing with modifications to the Pro-44, specifically for the 800+ freqs.

On the back it says it's a Netset Mod 2-304 Pro 44. It has a DOC/MDC number of 255B253 and a serial number starting with C00.

Can anybody offer any assistance/information?

Private email or news replies would be much appreciated.

Thanks

Bob

****
bob@advantage.com Bob Cotter
Partner
Advantage Computers Ltd.
****

2151. Basic Antenna Question

Newsgroup: rec.radio.scanner
Date: 1995-02-12 22:05:24 UTC
From: Reza@cerf.net
Message-ID: <Reza.1143014364B@news.cerf.net>
Source record: 261418

Since we live in a poor FM reception area , I often need to disconnect the whip antenna from portable radios and instead connect an outside antenna with 50 or 75 ohm coax cable. I usually connect the shield side of the coax to the radio circuit board ground and the center conductor to the place where the wire from the folding antenna used to go. I am wondering if this is the best way of connecting the antenna or do I need some soft of transformer (300-75), balun, etc. between the antenna and the radio receiver.

2152. Re: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-02-12 23:05:10 UTC
From: "Victor Healey (ki4je)" <vhealey@crl.com>
Message-ID: <3hm476$kvs@nntp.crl.com>
Source record: 261419

jadantin@ndlc.occ.uky.edu (Jim Dantin) wrote:
>
> Victor Healey (vhealey@crl.com) wrote:
>
> : The reason this scanner rejected your frequencies is that you overlooked the
> : requirement that the frequency must be divisable by step size. Ie the step size must
> : be a factor of the desired frequency. Do the math on what you tried and see if
> : I am not correct.
>
> We must have an ESP net going - I spent about two hours "discovering"
> this same problem this morning. I guess that's why the 15KHz step is not
> in the standard step selection.
>
>

Now Jim all you need to do is explain why that requirement
exists. You can have a 15k step if you want but it will
only stop on frequencies that match the math.I think I know why
but I have more importqant things to do right now then
to explain it. (ie I am not sure <grin>)

Ki4je

2153. proposal: uk.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-12 23:10:54 UTC
From: paul@termcon.demon.co.uk
Message-ID: <321947158wnr@termcon.demon.co.uk>
Source record: 261420
Cross-posted to: uk.net.news,uk.radio.amateur,alt.radio.scanner,rec.radio.scanner

About 3 weeks ago I proposed alt.radio.scanner.uk
most of the response (over 85 replies) were very positive.

A few people suggested instead a proposal of UK.RADIO.SCANNER

so I'm testing the water, to see what people think,

If people are in agreement, what do I have to do to start this group
does UK hierarchy works similar to alt, only I've been picking up
UK.NET.NEWS for a while and it doesn't seem very active.

(follow up set to uk.net.news)
--
Paul
Email:paul@termcon.demon.co.uk PGP2.6 Key available on request.

2154. Re: Cordless Phone Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-12 23:14:16 UTC
From: sblackwood@bctv.wic.ca
Message-ID: <3hm4o8$fl9@wolfe.wimsey.com>
Source record: 261421

In article <3hh0ea$mn2@news.acns.nwu.edu>, phantom@nwu.edu (Mark Feyer) says:
>
>There must be FAQ somewhere but I could not find it.
>Could someone send me cordless phone frequencies?
>
>Thank you.
>
>Mark Feyer

Try the following frequencies:
46.610
46.630
46.570
44.0
46.730
46.770
46.830
46.870
46.930
46.970
Happy scanning

2155. Re: Car Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-12 23:38:20 UTC
From: mlydy@oucsace.cs.ohiou.edu
Message-ID: <D3wuzw.Gw2@boss.cs.ohiou.edu>
Source record: 261422

Sam Hall (wgow@chattanooga.net) wrote:
: I'm looking for an external scanner antenna for my car, but don't want a
: big fat magnet based object on top of my sports car. It seems no one
: makes these antennas in a lug or standard 3/8 24 TPI mounts! Any sources
: or suggestions would be great!

I used to work for Radio Shack, while there I bought one of the glass
mount cellular look alike scanner antenna's for my car. It works really
well and has been on there over two years. Paid around $30 for it.

2156. 2006 /w 455 khz hookup, anyone else have it???

Newsgroup: rec.radio.scanner
Date: 1995-02-13 01:06:36 UTC
From: hduff@humnet.westonia.com
Message-ID: <7756-243661302@humnet.westonia.com>
Source record: 261424

In>
In>
In> I finally obtained the Pro2006 455khz mod and I just made it about an
In> hour ago. It works very nicely, albeit it wasn't as simple as the mod mad
In> it sound. Well, I guess it could be if my technique was vastly improved.
In>
In>
In> Anyway, I was wondering if anyone else has this mod and what exactly
In> they did, in terms of connectors, etc... Right now, I presently just have
In> a wire antenna coming out of the screw-in antenna hole, so I'm looking for
In> suggestions on the best connectors, etc... I'm using a Drake R-8 with
In> the 2006 and it does seem to work like a charm. The only bad thing is, if
In> the 2006 is too close to the R8, the really strong signals will create
In> some sort of feedback vibration.
In>
In> Also, I'm wondering what the 2006 with the 455 khz can do that I
In> haven't thought of? And if possible, I'd like to get my hands on some
In> freqs that take SSB? I know of the ham ones, but I'm curious to know if
In> there are others.
In>
In>
In> Nick

Hello Nick. Can you elaborate on this "PRO2006 455 Khz mod".
What did you do and what is it supposed to accomplish ?
Thanks.
I would appreciate a direct e-mail reply if possible:
hduff@humnet.westonia.com

• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"

2157. Help-Any Mods for Pro36?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 01:28:15 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.792638895.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 261225

Are there any mods for the RS Pro36?

Please reply to gjacek@cyberstore.ca

Thanks

2158. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-13 02:30:08 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3hmg7g$gal@globalnews.globalvision.net>
Source record: 261226

andersor@nevada.edu (RICHARD ANDERSON) wrote:
>
> That's the most ludicrous thing I've ever heard of. I've worked in
> hotels for seven years and have never heard of something so silly in all
> my life. Why would a respectable hotel such as a Ramada want to do such
> a thing? The cost of lost business if sucha thing was being done is
> more than enough reason not to do it. You must have been picking up
> freqs from different xmtrs. Better yet, phone the hotel manager. Ask
> them if there's audio bugs in the restaurant.. Bet ya he says no...
>
> Richard

I hope you weren't _really_ serious about calling the hotel manager. Like
would you expect him to say 'of course, doesn't everyone?' (-:

Scott

2159. Scanner frequencies for Daytona 500

Newsgroup: rec.radio.scanner
Date: 1995-02-13 03:43:04 UTC
From: tim@america.com
Message-ID: <3hmkg8$2t1@enterprise.america.com>
Source record: 261227
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

Anyone have a current list of NASCAR related frequencies I can plug into the handhelds for Daytona? Is there a Web or Ftp site with a current list?

Thanks.

2160. Re: Scanner frequencies for Daytona 500

Newsgroup: rec.radio.scanner
Date: 1995-02-13 04:06:59 UTC
From: tim@america.com
Message-ID: <3hmlt3$4cm@enterprise.america.com>
Source record: 261228
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

In article <3hmkg8$2t1@enterprise.america.com>, tim@america.com says...
>
>Anyone have a current list of NASCAR related frequencies I can plug into
>the handhelds for Daytona? Is there a Web or Ftp site with a current
>list?

Ok, so I should have done my detective work BEFORE posting. Anyway, I did find what I was looking for on WWW. Here's the location for others who might also need NASCAR frequencies:

http://www.eng.hawaii.edu/Contribs/carina/nascar/misc/nascar.freqs.html

Enjoy.

2161. Re: PRO-43 vs. AR-8000

Newsgroup: rec.radio.scanner
Date: 1995-02-13 04:17:15 UTC
From: vhealey@crl.com
Message-ID: <3hmm4f$t16@nntp.crl.com>
Source record: 261229
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Michael J. Fenech <71351.35@CompuServe.COM> wrote:
>I currently own a Realistic PRO-43 scanner. I'm thinking of getting a
>scanner with more features and continuous coverage. I've narrowed my
>choices down to the AOR-8000 and the Yupiteru MVT-7100. I'm leaning
>towards the 8000 as many of it's features are appealing (alpha tags,
>50 chs/bank, RS-232, etc.). What I am really concerned about is the actual
>performance of the radio; things such as sensitivity, problems with images
>and especially intermod (I live in Toronto - big city, many pagers!).
>Is there anyone who has both a PRO-43 and an AR-8000, who might offer
>some observations regarding the above concerns? I consider the PRO-43
>to be an excellent performer, so if the AR-8000 is at *least* as good,
>I'll get one.
>
Mike I have both and seldom use the pro43 anymore. I gave it to my wife
and she dosn't like it as much as the AR8000 which she will look at an
use. The display on the AR8000 makes more sense with all its data and large letters.
Performance wise they are similar with a much better antenna on the 43 for vhf/uhf freq.
There is much less intermod with the 8000 but there is occasionaly other types
of interferance that you may unexpectedly pick up. The ar8000 is much more sensitive
to low battery voltage and will give eratic audio in NBFM when the voltage has
dropped too low. It will still work in WBFM for some reason at that point
which is puzzling to me. WBFM is usually a continous broadcast while NBFM requires
constant scanning for new signal, maybe this takes more energy? Go figure?

There are many side benefits to the 8000, like being able to hear TV audio while
portable, being able to monitor a vhf state police repeater in priority mode
while listening to Broadcast Band, exiotic search programs suitable for tracking
a suspect using a cellular phone (if you are in law enforcement) etc. etc.

You get what you pay for in the Ultimate Handheld Radio, the AR8000.

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
now with squirt scripts for instant reprograming data channels and search banks.

http://www.demon.co.uk/javiation

2162. Re: Audio frequencys for TV stations

Newsgroup: rec.radio.scanner
Date: 1995-02-13 04:31:13 UTC
From: Larry Albright <albrite@smartdocs.com>
Message-ID: <3hmnah$5jk@warp10.smartdocs.com>
Source record: 261230

schriber@crash.cts.com (Michael Schriber) wrote:
>
> Good morning: I seem to have lost my handy chart listing standard TV video
> and audio frequencies. If some kind person could post or e-mail that type of
> list I would greatly appreciate it!

>
Radio shack used to sell Cat No 62-1085 Electronics Data Handbook.
This has all the TV vid and sound and lots of other stuff if you
can find it. Pretty good for RS.

Larry

2163. AR8000 ACCESS Dbase Manager (New AR8000-2.ZIP)

Newsgroup: rec.radio.scanner
Date: 1995-02-13 04:52:36 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3hmoik$1hr@nntp.crl.com>
Source record: 261231
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jim has done it again.
There is a new version of the AR8000 ACCESS database manager
now available for you to download.
AR8000-2.ZIP
The URL is
ftp://ftp.crl.com/users/ro/vhealey/www/zipped/ar8000-2.zip

Previous versions are being deleted tonight 2/12/95
Let me know if I missed any pointers as you use the HTML docs
on the AR8000.

Victor Healey Ki4je <vhealey@crl.com> wrote:
>Jim Dantin (mailto: jadantin@ndlc.occ.uky.edu) has posted an
>improved version of Steve Siegel's AR8000 Access database to

>This database is an expansion of the AR8000 database previously
>posted by Steve Siegel. Jim has flagrantly stolen Steve's original
>design and forms as the basis for this version. <grin> He has posted it
>here for your review and comments.

>This database has been posted as a FREEWARE product. If you
>find a problem, Jim will try to fix it, but don't expect the kind
>of support you will get from a $$$ product. Jim needs YOUR ideas
>so he can improve the database. Please write JIM or call (502)926-8333
>or post an obervation here for all to read.
>
>
>
>Features of Jim's new version:
>
>Separate channel and frequency tables - you can maintain a
>large frequency list and assign individual frequencies to
>AR8000 memory channels.
>
>Flexible reporting - this is straight MS Access - play to your
>heart's content.
>
>All the features of Access - import from other databases, text
>files, or spreadsheets.
73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

Now featuring 'squirt programing' for the ar8000.

http://www.demon.co.uk/javiation

2164. Pro-43 Diode- TRASHED!

Newsgroup: rec.radio.scanner
Date: 1995-02-13 05:31:31 UTC
From: greg84@aol.com
Message-ID: <3hmqrj$rm1@newsbf02.news.aol.com>
Source record: 261232

Help!!
While removing diode D4 for the cellular mod, I trashed the sucker before I could put it in D3. Question: Is it worth the effort to find a replacement diode for the ext. band coverage? If so, any suggestions on where to look?
My scanner is capable of the mod, but I hear that reception is so bad that the effort may not be worth it.
G.Harris

2165. AR8000 Price Reduction

Newsgroup: rec.radio.scanner
Date: 1995-02-13 06:44:40 UTC
From: vhealey@crl.com
Message-ID: <3hmv4o$3sa@nntp.crl.com>
Source record: 261233
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Price Reduction on AR8000

Improved production techniques have resulted in AOR reducing their cost price of the AR8000, the U.K. retail price of the
AR8000 has now been reduced to #425.00 including V.A.T. The export price to all countries outside the European
Community is now #385.00, this includes delivery but not any Duties charges that may be levied by Customs Authorities in
the destination country. Please be aware of import regulations in your country regarding the frequency coverage of
receivers/scanners.

Thought you would like to know
KI4JE

2166. Re: San Diego PD Freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-13 08:19:52 UTC
From: ac827@lafn.org
Message-ID: <1995Feb13.081952.14317@lafn.org>
Source record: 261234

In a previous article, kerry.lingo@giffy.com (Kerry Lingo) says:

>Does anyone know where I can obtain a list of freqs use dby San Diego
>Police and San Diego County Sheriff? (I have a scanner capable of the
>800mhz feqs.) I'm especially interested in the Tactical freqs.
>
Look for a police call book in any Radio Shack, or look for the
Gene Hughes Police Call book for Southern California. Either book
is about $10, I think. The Gene Hughes book is from this
company, in case you can't find it at a ham radio store:
California Radio Communications Co.
P.O. Box 35102
Los Angeles, CA 90035
(The 1993 edition was $9.95; don't know if prices have gone up
for 1995.)
(It looks like most SD Sheriff freqs are between 453.0 and 454.0,
but there are others, too. As of 1993, that is.)

2167. Ar8000 Crappy KeyPad??

Newsgroup: rec.radio.scanner
Date: 1995-02-13 08:45:29 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.13rq@portal.apana.org.au>
Source record: 261235

Hello All..

A few friends and I are wondering if anyone else is experiencing the same problem as us??

The actual markings of Numbers, letters and Words on the keypad on the front of our 8k's has worn away very very quickly...

Ive had my 8000 for just on a week now and allready i have lost the `e' `f' `SRCH' and `ENT' markings on the keys and the others have faded aswell. :(I was being very carefull waiting for my pouch to arrive which is still on the way.. I DO NOT sit there rubbing the keys so its very weird.. Ive called the supplier and we are getting new Keypads supplied, but I was wondering if anyone else has noticed this or if its just us??

Our supplier wasnt a problem and has new pads on the way as i said but they said they havent heard of this problem, and i thought this would be a good way to find out..

I love the 8000 otherwise (apart from 1, 2 little complaints hehe) but i think that for the money this unit costs the letters should be EMMBEDED INTO the keys and not simply painted on where it can wear off! Ill be writing a letter off to Japan i think as a matter of principle..

Quote: Let a fool hold his tongue and he will pass for a sage.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

2168. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-13 08:53:42 UTC
From: stavros@agora.rdrop.com
Message-ID: <D3xKpJ.Hz2@agora.rdrop.com>
Source record: 261236
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D3wGqD.Ko7@nntpa.cb.att.com>,
Bob Parnass, AJ9S <parnass@ihlpf.att.com> wrote:
>In article <D3vBA9.9wr@agora.rdrop.com>,
>Steve Culliton <stavros@agora.rdrop.com> wrote about the BCT-7:

> >.... Is it really pre-programed for all states?

>Using a keyboard sequence, the scanner will scroll through
>all states one by one displaying the state abbreviation, e.g.,
>IL. You indicate which state you are in and the BCT7 will
>use the freqs for that state from then on.

Yes, I got that when I played with the unit. I know that the display
will cycle through all the state abbreviations when you hit the button,
but I still have a nagging doubt. My question then, is it already
pre-programmed with all the states -freqs- in it as is, or does
it have to be re-programmed for a different state by the factory when
you want to use it somewhere else?

The manual is vague on this point, only mentioning the fact that it is
pre-programmed for *your* state. That doesn't seem to mean *all*
states. I punched up Washington to listen to, since I was in
Troutdale OR, and WA is just across the Columbia River, less than 2 miles
away. Not one call came in, but on the local police setting (while set
for Washington) the Portland OR police calls were coming in. This is
why I'm not sure it already has *all* the states pre-programmed in.

>The guy who consulted with Uniden and provided the frequency
>information for this model is a cop and member of my scanner club.
>I can't say whether he made a mistake here or there, but
>the Illinois State Police mobile extender and car-to-car freqs
>looked ok to me.

Did you check for or can you check for any neighboring state freqs
in the unit you have? When I set it for WA, all it said was WA and
had the word scan going across the face. However, I didn't pick up
a single WA call while waiting, but did get several OR calls while it
was set for WA.

>The BCT-7 scans many 800 MHz frequencies which are used
>by non-police agencies here and so I have concerns about
>the accuracy of its choice of 800 MHz allocations.

I wonder how that affects the performance. Still, when set on HP and
local police only, would this be a problem? Wonder if you can lockout
those extraneous freqs... Will have to go back and read the manual

bit more. Guess another trip to the truck stop is in order, providing some of the snow we just got melts a bit. I've got 3 ft. deep drifts in my yard from one nights worth of snow...

> >And did you have any other problems with it?

>I had image problems on several frequencies when using
>an outdoor antenna on the roof. That's no surprise as the BCT7
>does not use up conversion. It is really designed for a specific
>mobile use with a low (or no) gain antenna and I never took it
>mobile.

Time for a field trip!

>The evaluation sample didn't come with a DC power cord or mobile
>mounting bracket. Perhaps they are included with production units.

Yep. They've even got a wire ant. that mounts with suction cups to your windshield. A trucker there at the stop was telling me that it worked great like that.

>The audio seemed pretty good, though. Seems like it would be
>suitable for your use.

Sounds good. It's either that, or something like the Pro 2035 with that 4000 channel mod in it and a lot of Police Call reading and button pushing. :-)

TTFN

-Steven

2169. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 10:01:05 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.129.000A04F3@ccm.hf.intel.com>
Source record: 261258

In article <3hk96r$bjq@grape.epix.net> wmerrell@news.epix.net (Async User) writes:

>Does anyone know of a way to remove scratches on the
>face of the LCD panel on handhelds?
>Thanks!

Manufacturers use a cloth buffing wheel to get rid of scratches. I bought an attachment for my drill to try this on a scratched watch face (plastic), but I have not tried it to see how well it works yet.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2170. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-13 10:06:12 UTC
From: jim@geog.leeds.ac.uk
Message-ID: <1995Feb13.100612.20632@leeds.ac.uk>
Source record: 261239
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm all for uk.radio.scanner - would be nice to see the UK bias -
frequencies WE can listen to!

2171. Re: Best MOBILE triple conversion scanner??

Newsgroup: rec.radio.scanner
Date: 1995-02-13 13:24:17 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.130.000E680F@ccm.hf.intel.com>
Source record: 261240

In article <kevin.jessup.319.05329530@mail.mei.com> kevin.jessup@mail.mei.com (Kevin Jessup) writes:

>I looked at the new Uniden mobiles (the 350 and the 700)
>at Amateur Electronic Supply here in Milwaukee over
>noon hour today. Not that great. Many images and
>birdies.

>The new Radio Shack base/mobiles seem to perform better
>but are too big and oxy for a car.

>So what's a good mobile unit that isn't the size of
>a concrete block and has triple conversion?

Come to think of it, there don't seem to be too many triple-conv. mobiles. The ones I can think of are the Icom R100 (not the greatest scanner, but a solid performer), and there is a Yupiteru MVT 8100 that is the mobile version of the 7100.

That's all I can think of.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2172. Re: AR8000 EEPROM PROGRAMMING no longer REVEALED

Newsgroup: rec.radio.scanner
Date: 1995-02-13 14:25:27 UTC
From: vhealey@crl.com
Message-ID: <3hnpoo$f0g@nntp.crl.com>
Source record: 261241
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.2600

Victor Healey Ki4je <vhealey@crl.com> wrote:
>I just received email pointing to another URL for the AR8000.
>You really need to have a computer interface to the ar8000
>to appreciate what you can do with this info.
>
I guess there is no more HOT URL for the time being.
Got this among these email messages this morning.
No one wants to upset BIG BROTHER.

1)_____
If you haven't posted the note already, could you hold off
for a day or two until I get this thing a little more
polished? If you've already posted the note, I may block
the protections for a little while.

The AR8000 Hacker

2)_____
Like I said, hold off on announcing the page until I
give you the green light...

Might it be prudent to run this thing by a couple of
other people before posting it?

If so, who would you recommend?

The AR8000 hacker

3)_____
Hmmm, that usenet posting was a little over the top.
I'd really hoped to shop this around first, and perhaps
pass it along to another site. I'm not sure I should use
the work server for this material. So, I've taken the
server down for the time being. I hope this doesn't cause
any problems. Please don't circulate the original with
my name on it.

The AR8000 Hacker

There you have it. A cautious individual, The AR8000 Hacker.
IMHO that is a sign of wisdom also.
He reads these USENET groups. Do not email me inquiring about
this as I respect his/(her?) right to privacy. May I suggest
you post any observations directly to The Hacker here. Maybe there is
someone who would like to host the material that The Hacker prepared.

IMHO it really was pretty good.

BTW Some have complained about URL to 'Squirt Files'.
There seems to be a 'bug ?' in how The Internet Assistant for Winword
prepared the URL's for the new HTML files. Microsoft really does a
pretty good job so this may have been an operator error on my part
when I transfered them from PC to UNIX site. On the PC the files end
in .htm on the unix site they end in .html.

Query can your WWW browser recognize properly files that end in .htm?
It would make my life a lot simpler if all of them do since I can debug
and test HTML on my local PC. If not isn't there a way to point to
a file with a pusedo name in UNIX? (ie if person sends UNIX show me
AR8000.html and UNIX looks at disk and sends AR8000.htm, no sweat?)

The URL to the just released Beta Internet Assistant for Winword is
ftp://ftp.microsoft.com/deskapps/word/winword-public/ia/wordia.exe

It is a great HTML editor/viewer. Thanks MS for the Freebie!
It isn't that great as a WEB Browser, but is there any other PC
Word Processor on the Planet capable of doing what Word can now do
seamlessly?

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

2173. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-13 14:43:34 UTC
From: vhealey@crl.com
Message-ID: <3hnqqk$f0g@nntp.crl.com>
Source record: 261242
Cross-posted to: rec.radio.scanner,alt.radio.scanner

stavros@agora.rdrop.com (Steve Culliton) wrote:
>In article <D3wGqD.Ko7@nntpa.cb.att.com>,
>Bob Parnass, AJ9S <parnass@ihlpf.att.com> wrote:
>>In article <D3vBA9.9wr@agora.rdrop.com>,
>>Steve Culliton <stavros@agora.rdrop.com> wrote about the BCT-7:
>
>>The BCT-7 scans many 800 MHz frequencies which are used
>>by non-police agencies here and so I have concerns about
>>the accuracy of its choice of 800 MHz allocations.
>
> I wonder how that affects the performance. Still, when set on HP and
> local police only, would this be a problem? Wonder if you can lockout
> those extraneous freqs... Will have to go back and read the manual
>
> >I had image problems on several frequencies when using
> >an outdoor antenna on the roof. That's no surprise as the BCT7
> >does not use up conversion. It is really designed for a specific
> >mobile use with a low (or no) gain antenna and I never took it
> >mobile.
> Sounds good. It's either that, or something like the Pro 2035 with
> that 4000 channel mod in it and a lot of Police Call reading and
> button pushing. :-)
>
Why put up with all that stuff. The AR8000 will do what you guys are after
with a little clever programing of the 20 search banks and proper use
of its myriad other features. And you would still have 1000 channels left
for other stuff with full ascii lables. There is no big mystery as
to what BearCat has done with their scanner.

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

2174. Pro-39 Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:13:53 UTC
From: langston@access.digex.net
Message-ID: <3hnsvh$7j8@access1.digex.net>
Source record: 261243

One more time.. Does anyone, anywhere know of a mod for the Pro-39
other than the D6 diode for 800mhz? Specifically, I'd like to know if
there are any keypad mods. Anyone that has any ideas.. please let me know.
Thanks..

rob

2175. Q:AOR-3000A

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:13:58 UTC
From: tv@suprimexbank.msk.su
Message-ID: <AAsStFlS1A@suprimexbank.msk.su>
Source record: 261244

I am looking for and FTP site to get software (for DOS or Windows)
to run my AR3000A. Does anybody have any information.

Thanks in advance
Valera
tv@suprimexbank.msk.su

2176. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:14:17 UTC
From: domonkos@access.digex.net
Message-ID: <lEtFliubGYKS066yn@access.digex.net>
Source record: 261245

In article <3hk96r$bjq@grape.epix.net>, Async User wrote:
> Does anyone know of a way to remove scratches on the
> face of the LCD panel on handhelds?
> Thanks!
>
> Bill
>

Actually, use the same trick I used on photographic negatives. I used a light clear oil on a toothpick and applied o the scratch. Petroleum jelly worked OK also. Rub off excess with soft tissue. This works well for minor scratches but deep scratches may be a lost cause. Try it, you've nothing to loose.

Andy

2177. Re: 2006 /w 455 khz hookup, anyone else have it???

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:19:29 UTC
From: horak@convex.com
Message-ID: <3hnta1$g1k@eugene.convex.com>
Source record: 261246

In <3hk8jo$cbi@newsbf02.news.aol.com> ncarrigan@aol.com (NCarrigan) writes:

> Anyway, I was wondering if anyone else has this mod and what exactly
>they did, in terms of connectors, etc... Right now, I presently just have
>a wire antenna coming out of the screw-in antenna hole, so I'm looking for
>suggestions on the best connectors, etc...

I did the mod and it works fine. I ran shielded coax to the rear of the
pro2006 into a mini-plug jack. That way, I can easily run a mini-to-phono
cable from the 2006 to my shortwave phono antenna connector. Of course,
you'll have to drill a hole in the back of your pro2006.

> Also, I'm wondering what the 2006 with the 455 khz can do that I
>haven't thought of? And if possible, I'd like to get my hands on some
>freqs that take SSB? I know of the ham ones, but I'm curious to know if
>there are others.

Cordless phone frequency inversion is worth a try. Set your shortwave on
SSB and tune around until you get it in the clear. You'll have a 3 KHz
whine noise but the conversation will be in the clear. Another use is to
chase sattellites on the 137 MHz band. Use SSB and listen to the doppler
shifts as the birds approach and depart your area. You mentioned ham, have
you tried the 144 MHz area for SSB?

There seems to be some interest in this mod so I will post a followup
with my version of the 455 HKz mod.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2178. 455 KHz mod for pro2006

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:22:30 UTC
From: horak@convex.com
Message-ID: <3hntfm$gab@eugene.convex.com>
Source record: 261247

This is the mod for adding SSB capability to your Pro2005/2006. It is taken in part from Bill Cheek's Scanner Mod Handbook Volume 1. As long as you have a shortwave receiver with an external antenna jack and capability to tune to 455 KHz, you can interface it to the Pro2006 with this mod. It is best if you use a static safe work environment to perform this mod and you should have some technical knowledge. Also, a schematic would be helpful but is not necessary.

You will need the following parts:

Output jack (I use a 1/8 mini earphone jack but some like a BNC. The 1/8 mono jack is easier to install because you don't have to drill as big a hole in the back of the unit)

.01 uF capacitor

5 Kohm resistor (1/4 watt)

6 inches of mini coax or other shielded cable

A cable to run from the 2006 to your shortwave. I use the shielded cable that has the 1/8 plug on one end and a phono plug on the other end (1992 catalog Radio Shack P/N 42-2444 works for me). The phono plug is perfect for the antenna input of my DX440 shortwave receiver.

The first step is to remove the cover of the unit and drill a hole in the back of the 2006 for your 1/8 or BNC plug. (You will want to wrap some tape around the drill bit about an inch from the end to keep it from cruising right on into the electronics once it punches through the metal!) Solder the 5K resister to one end of the .01 uF cap. Solder the other end of the cap to the shielded coax wire. Solder the other end of the coax to your 1/8 phono plug (or BNC) and ground the cable at this end. Now that the cable is in place you are ready to connect it to the 455 KHz source which is D33. It is on the top circuit board near the middle left, not too far from a huge capacitor. Solder the end of the resistor to the cathode of D33. (This should be the top of the standup part) Now you can test it out before you put the cover back on to make sure you did everything correct. You should be able to tune to some local airport or CB frequency on your 2006 and receive the same thing on your shortwave (with it tuned to 455 KHz and hooked up to the 2006 of course). If you tune something on your scanner that is SSB, you should be able to switch your shortwave to SSB and tune in the signal just fine. Beware of one thing, since the 2005/6 only tunes in 5 KHz increments minimum, you may notice from time to time that the signal on your shortwave isn't real clear. It may be that you will need to tune the shortwave anywhere from 451 to 459 KHz to tune in the

signal well!

BTW, this mod will work with any receiver's IF section. As always,
I assume no responsibility if you SCREW UP YOUR RADIO!

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2179. Re: Posting Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:27:24 UTC
From: dander@icicle.winternet.com
Message-ID: <3hntos$8u8@blackice.winternet.com>
Source record: 261249

In article <3hj3j2$qda@news.millcomm.com>,
Chris <arnold@mill2.millcomm.com> wrote:
:Can I post textfiles with frequencies in here? Or is there another
:place for that?

By all means! I've been looking for Minneapolis area frequencies but haven't found anything available on the 'Net!

2180. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:31:39 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1995Feb13.103139@hnrc.tufts.edu>
Source record: 261250

In article <3hmg7g$gal@globalnews.globalvision.net>, Scott Blaha <sblaha@globalvision.net>
writes:
[snip]
> (-:

You oughta see a chiropractor about that! :-)

2181. Re: Restaurant Pagers

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:35:03 UTC
From: horak@convex.com
Message-ID: <3hnu77$hck@eugene.convex.com>
Source record: 261251

In <3hkfuo$ohl@boris.eden.com> robert@eden.com (Robert Barker) writes:

>The antennas that I have seem
>are most likely VHF as they usually the same you'd expect to find on a
>VHF handheld. I suspect something like 154.515 or something like
>that..

Any business (IB) paging freq is a start but I've seen these on 49 MHz
and 27 MHz. Radio Shaft even sells one of these that works on the 27
MHz band. It claims to use 7 watts. (See page 26 of the '95 catalog)

>Guess I just need to camp out in the parking lot of one of these places
>on a crowded night.. and put in all the low power type freqs fro police
>call until I can confirm something.

That's what the hobby is about!

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2182. Re: Pro-43 Diode- TRASHED!

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:42:52 UTC
From: horak@convex.com
Message-ID: <3hnuls$hpb@eugene.convex.com>
Source record: 261252

In <3hmqrj$rm1@newsbf02.news.aol.com> greg84@aol.com (GREG84) writes:

>While removing diode D4 for the cellular mod, I trashed the sucker before
>I could put it in D3. Question: Is it worth the effort to find a
>replacement diode for the ext. band coverage? If so, any suggestions on
>where to look?
>My scanner is capable of the mod, but I hear that reception is so bad that
>the effort may not be worth it.

Reception isn't greast since the USA version of the 43 isn't tuned for
those freqs. Even if it was, there isn't much to scan between 66-88;
at least not for most casual users. I'd do the mod but then, I'm not a
casual listener :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2183. Re: Scanner frequencies for Daytona 500

Newsgroup: rec.radio.scanner
Date: 1995-02-13 15:44:06 UTC
From: riggs@acd4.acd.com
Message-ID: <1995Feb13.154406.26582@acd4.acd.com>
Source record: 261253
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

In article <3hmlt3$4cm@enterprise.america.com> tim@america.com (Tim Dobbins)
writes:
>In article <3hmkg8$2t1@enterprise.america.com>, tim@america.com says...
>>
>>Anyone have a current list of NASCAR related frequencies I can plug into
>>the handhelds for Daytona? Is there a Web or Ftp site with a current
>>list?
>
>Ok, so I should have done my detective work BEFORE posting. Anyway, I did
>find what I was looking for on WWW. Here's the location for others who
>might also need NASCAR frequencies:
>
>http://www.eng.hawaii.edu/Contribs/carina/nascar/misc/nascar.freqs.html
>
>Enjoy.
>
My system administrator says I can't get there from here. Would someone be
kind enough to post those NASCAR frequencies to this newsgroup or send them
directly to my e-mail. Thanks!

--
Jim Riggs (email riggs@acd4.acd.com) "I may have been born at night, but it
ACD Inc/100 S Campus Dr/TH, IN 47802 wasn't last night."-unknown. The above
"If you follow me long enough we opinions belong to me, not to ACD Inc.
will probably end up at a racetrack." Go Rusty & Rahal-MGD#2 & #4! Da Bears!

2184. Re: import law

Newsgroup: rec.radio.scanner
Date: 1995-02-13 16:23:51 UTC
From: cranwell@brandonu.ca
Message-ID: <1995Feb13.102352.12471@stan.brandonu.ca>
Source record: 261254

In article <3h8fh3$32f@bright.ecs.soton.ac.uk>, jw94@davinci (John Wigley) says:
>
>
>Could someone in the U.S. tell me what the law is regarding sale and
>ownership of cellular capable scanners.
>I have noticed a lot of postings about cellular restoration on the
>AR8000, specifically what I want to know is :-
>
>If I as a U.K. citizen buy a UK model AR8000, can I sell it to an american
>citizen as a second hand product legally. If it is legal I was thinking
>about setting up a service selling "2nd hand" UK model AR8000's to US
>buyers looking for scanners without cellular lockout.
>
> Thanks for any replies,
> John Wigley
>
>
It is not In Canada but I am not sure on the U.S. side.

2185. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 16:35:29 UTC
From: gesman@io.org
Message-ID: <3ho1oh$o0v@ionews.io.org>
Source record: 261255

In article <D3utIn.3Jr@freenet.carleton.ca>,
Darrell A. Larose <ad607@FreeNet.Carleton.CA> wrote:
>In a previous posting, David May (davidmay@u.washington.edu) writes:
>> In an effort to get a scanner without the cell range blocked out, I was
>> wondering if I could buy the scanner in Canada. Are the cellular ranges blocked
>> from the Canadian models of the Uniden or Realistic scanners?
>
>The Shack stuff is blocked. It is not illegal to monitor cell in Canada, but
>shack only sells blocked scanners, because they sell cell phones.

There is still some PRO-43 models in some RS stores in Toronto, which has
cell band available. Old stock? Of course RS employees don't have a clue
about scanners, so you have to be familiar with what you're looking for.

--
Gleb Esman.

2186. Pro 36 fix???

Newsgroup: rec.radio.scanner
Date: 1995-02-13 16:51:58 UTC
From: todd@banana.dis.fedex.com
Message-ID: <1995Feb13.165158.17001@banana.dis.fedex.com>
Source record: 261256

Is there a way to fix my Radio Shack Pro-36 scanner to pick up cellular phone calls? Please point me in the direction of where to look for a fix.

Thanks,

Todd

2187. Re: Cops testing new equipment!!!!

Newsgroup: rec.radio.scanner
Date: 1995-02-13 17:41:27 UTC
From: pierpont@snax.enet.dec.com
Message-ID: <3ho5k7$gqo@nntpd.lkg.dec.com>
Source record: 261257

Connecticut [US] State Police are testing/ready to implement a system
where they not only know where the SP car is, they can tell if it's moving.
[I know how this is done, so please do not tell me.]

Additionally, belt mounted devices on the Troopers will be able to
id where, in motion or no motion and tell the relative position
of the unit. Interesting for single trooper cases where the trooper
is down and can't get to radio.

Howard
Working for but not speaking for Digital Semiconductor

2188. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 18:17:31 UTC
From: rats@ihlpm.ihsam.att.com
Message-ID: <D3yAt9.3y0@nntpa.cb.att.com>
Source record: 261259

|>>Does anyone know of a way to remove scratches on the
|>>face of the LCD panel on handhelds?

|I've used toothpaste to remove scratches from plastic. Toothpaste might be
|better for removing scratches from the case of a scanner though. Careful
|experimentation is the way to go.

I've used the metal polishing stuff called "Simichrome" that's imported
from Germany and probably sold at knife stores... I put a dab of it on
a small piece of lens tissue and go at it... if the plastic material is
REALLY soft, as on the clear plastic front of a toy flashlight, it won't
work all that well... in addition, I've seen plastic scratch removing
polishing compounds at some automotive paint places, but they costed
a couple of bucks per squeeze bottle...

I've seen this toothpaste trick in toy car modeling magazines from
the 1960s, but when I tried it the abrasive material just wasn't of
a fine enough size and left a whitish finish; perhaps this material
has changed?

2189. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-02-13 18:22:18 UTC
From: dweeks@ccnet.com
Message-ID: <JWsFlCGOc37S078yn@ccnet.com>
Source record: 261260

In article <792608070.159snx@n2ayj.overleaf.com>,
n2ayj@n2ayj.overleaf.com (Stan Olochwoszcz N2AYJ) wrote:

> The "Florida Skip" article has been reliably demonstrated to be
> pure, unadulterated tripe, unsubstantiated in any way, shape or form.

I don't doubt that the tale is spurious, and Dave Newkirk posted a good discussion of this topic last week, I think in r.r.shortwave. But "reliably demonstrated" implies that someone has actually gone and checked this out in the Congressional Record. Do you have any information about who's done this, and where they published the results? I'm interested in this as maybe the only professional etymologist in the country who's also a ham. :-)}

--
Dave Weeks WA1VGA
Pleasant Hill, California

2190. Mac Software

Newsgroup: rec.radio.scanner
Date: 1995-02-13 19:33:58 UTC
From: opp@worldweb.net
Message-ID: <opp-1302951633580001@line103.worldweb.net>
Source record: 261261

Does anyone know of any mac software that will interface with the aor8000
or the aor3000a. And help would be appreciated, thanks in advance.

--
And that's the way it was...

2191. Re: New 25 channel Cordless Allocations

Newsgroup: rec.radio.scanner
Date: 1995-02-13 19:48:21 UTC
From: opp@worldweb.net
Message-ID: <opp-1302951648210001@line103.worldweb.net>
Source record: 261262

In article <3hirnp$9vm@eugene.convex.com>, horak@convex.com (David Horak) wrote:

> ********** New 43-49MHz Cordless Phone Allocations **********
Interesting! Which phones are using these new frequencies. Thanks

--
And that's the way it was...

2192. Re: Cordless Listening Law

Newsgroup: rec.radio.scanner
Date: 1995-02-13 20:11:02 UTC
From: colombo@fnalv.fnal.gov
Message-ID: <1995Feb13.141102@fnalv.fnal.gov>
Source record: 261263

In article <D3u9nn.1ty@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
> Terry Steinford (tls@gate.net) wrote:
>
>
> As I said elsewhere, the laws have not stopped myself or anyone I know, so
> what good are they, and why did they waste the time to make them?
>

I agree, the law doesn't mean it's wrong or you can't do something. After
all, there's a law against killing people and that doesn't work either.
Live free or die.

RC

2193. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 21:39:51 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Feb13.153951.85237@kuhub.cc.ukans.edu>
Source record: 261264

I've had good luck using baking soda, wet or dry, on my fingertip.

Finish the polishing with a dry cloth wheel on a moto-tool.

Keep the wheel moving or it can melt a groove in the plastic.

2194. HAS ANYONE FREQS OF FRENCH RAILS?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 21:55:41 UTC
From: MICHEL LETORT <73064.2342@CompuServe.COM>
Message-ID: <3hokgt$h4k$1@mhadf.production.compuserve.com>
Source record: 261265

Hello,
Has anyone the frequency range for French railway SNCF
Many thanks to post it in my mail box
73064,2342@compuserve.com

Michel

2195. Granite City, Ill frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-13 22:14:52 UTC
From: leonard.blakely@eagles.wa.com
Message-ID: <9502131656381826@eagles.wa.com>
Source record: 261266

Hello All!

My son was just visiting here (Tacoma, WA) from Granite City, Illinois (just west of St. Louis) He monitors police and fire back there and is looking for the frequency the Granite City Police use as Channel 4. If anyone has this info I would appreciate it. You can answer here or send it to leonard.blakely@eagles.wa.com

-Leonard-

* WCE 2.0/2263 * Is this yours? Your dog left it on my lawn ...

2196. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-13 22:16:58 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <3holoq$9tf@engnews2.Eng.Sun.COM>
Source record: 261267

In article <D3yAt9.3y0@nntpa.cb.att.com> rats@ihlpm.ihsam.att.com (Morris the Cat) writes:
>|>>Does anyone know of a way to remove scratches on the
>|>>face of the LCD panel on handhelds?

Look up "Plastics" in your yellow pages. Here in
California we have TAP Plastics, and they sell a
kit which includes 3 grits of liquid polish and
some paper rags to use with it, to take out
scratches. I've used it to restore clarity to a
heavily fogged plastic lens on my compass (the
pastic got fogged when I glued it back in after
it fell out). The kit is cheap, and is designed
to work on different plastics.
--

Robert Allen
rja@sun.com

2197. Old Scanner - Regency - new Xtals needed

Newsgroup: rec.radio.scanner
Date: 1995-02-13 22:43:02 UTC
From: jeffpmil@aol.com
Message-ID: <3hon9m$6lk@newsbf02.news.aol.com>
Source record: 261268

An old regency 8 channel scanner (great old model)
needs new freq. xtals.

Anyone have a source/costs?

R.S. is useless.

Public/private okay
Be seeing you,
Number 6

2198. OPTO 456 Users

Newsgroup: rec.radio.scanner
Date: 1995-02-13 23:01:56 UTC
From: jeannopo@panix.com
Message-ID: <3hood4$iba@panix.com>
Source record: 261269

I am looking for some people who are interested in a programming
library for the optoscan456 on the pc. I would like some people to test
out some stuff. Thanks

Alex Jeannopoulos

2199. Realistic PRO2027 closeout

Newsgroup: rec.radio.scanner
Date: 1995-02-13 23:06:21 UTC
From: rcash@ub.com
Message-ID: <D3yJAD.MDr@pippen.ub.com>
Source record: 261270
Cross-posted to: rec.radio.scanner,alt.radio.scanner

My local Radio Shack is selling a PRO2027 at the closeout price of $179.97 (Reg $229). Is this a deal? The date code on the unit is 1A3. Are an mods available for this? Can someone point me in the direction of an FTP server with mods for Radio Shack's scanners?

Thanks in advance,
rcash@ub.com (Robert Cash)

2200. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-13 23:15:09 UTC
From: julian@kesteven.win-uk.net
Message-ID: <521@kesteven.win-uk.net>
Source record: 261067

In article <3hfa58$qso@news.nevada.edu>,
RICHARD ANDERSON (andersor@nevada.edu) writes:

>That's the most ludicrous thing I've ever heard of. I've worked in
>hotels for seven years and have never heard of something so silly in all
>my life. Why would a respectable hotel such as a Ramada want to do such
>a thing? The cost of lost business if sucha thing was being done is
>more than enough reason not to do it. You must have been picking up
>freqs from different xmtrs. Better yet, phone the hotel manager. Ask
>them if there's audio bugs in the restaurant.. Bet ya he says no...

Hmmm... a variation on the "I don't see it therefore it doesn't
exist" argument?

Julian.
--

2201. Re: Bel 645 STI Radar Detector

Newsgroup: rec.radio.scanner
Date: 1995-02-13 23:18:16 UTC
From: ctb4981@spectre.prin.edu
Message-ID: <3hopbo$5va@spectre.prin.edu>
Source record: 261271

In article <3hg753$o6b@uwm.edu>, retzer@alpha2.csd.uwm.edu (Joe J Retzer) says:
>
>I was wondering if anyone could give me some info on the Bel 645 STI
>radar detector. It has all the features I would like to have but is
>a bit pricey ($329.00 at a local electronics outlet). Is there a
>mailorder place that carries this type of item, possibly at discount
>prices? I've also noticed a detector from Radio Shack which has
>the same features (not to mention the fact that it looks exactly
>like the Bel) as the Bel. Its item 22-1653 on page 164 of the 1995
>catalog. The only difference I can note is the price (the RS
>detector sells for $269.99. Is this a Bel Detector with the RS
>logo on it?
>
>Any Advice would be appreciated,
>
>Many Thanks,
>
>Joe Retzer
>
Just from reading the reports in various car magazines, you really get
what you pay for here. Last I read the Valentine was tops, followed by
Bel. Do the research in your local library and see what you come up with.
Torrey Breeden
ctb4981@prin.edu

2202. Wanted: Icom-R1

Newsgroup: rec.radio.scanner
Date: 1995-02-13 23:23:10 UTC
From: drv@icf.hrb.com
Message-ID: <1995Feb13.182310.22843@hrbicf>
Source record: 261272

Does anyone have an Icom R1 pocket scanner for sale. I'm in the market
for one that has continuous coverage (ie. 800 Mhz not blocked out).
E-mail or phone me at the office.

Dan Van Clief
drv@icf.hrb.com
(814) 238-4311 Ext. 3185 State College, PA EST

2203. Columbus Frequencies Plea

Newsgroup: rec.radio.scanner
Date: 1995-02-14 00:46:00 UTC
From: mark.grunden@oakwood.com
Message-ID: <9502140600451275@oakwood.com>
Source record: 261273

On 02-09-95 GREG RICKER wrote to ALL...

GR> I'm looking for frequencies (fire especially) for the Columbus,
GR> Ohio area. Any help would be greatly appreciated. Thanks

Here is a list of frequencies that may be of interest to you:

154.310 Columbus Fire and Rescue
460.250 Whitehall Police
855.4875 Dublin Police
855.7125 " "
855.9625 " "

Misc. Police/Sheriff Freqs.

154.785
154.815
154.875
155.010
155.790
154.860

Happy Listening!

-MG- From the Edge of the World

---
* OFFLINE 1.56

2204. Re: Pro-39 Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-14 01:03:01 UTC
From: paul@panix.com
Message-ID: <3hovg5$gb2@panix2.panix.com>
Source record: 261274

In <3hokcj$1mbu@freenet3.freenet.ufl.edu> afn16368@usenet.freenet.ufl.edu (Jesse Rhoads KE4CQE) writes:

>: As would I. I want the damn keypad temporary mods not the wiring and
>diode cutting!! I am not gonna touch my scanner's guts. Period. Date
>stamp was 1A4.

There are no known keyboard mods for the PRO-39.

paul

2205. Did Santa Clara PD change frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-02-14 01:07:45 UTC
From: mic@shell.portal.com
Message-ID: <3hovp1$blm@news1.shell>
Source record: 261275

Does anyone know what Santa Clara PD's new frequencies are?

Two old ones are: 460.150 and 460.275

Thanks.

2206. Making Freq. Converters

Newsgroup: rec.radio.scanner
Date: 1995-02-14 01:39:12 UTC
From: rflood@cis.umassd.edu
Message-ID: <D3yv9E.Koo@umassd.edu>
Source record: 261276

I havnt been using my PRO-43 lately and was very surprised that the frequency converters that enable cellular receputions have been made illegal. Since it is illegal to buy converters is it possible to make them? Does anyone see kits for converters being sold in teh future?

-Rich
==========
\\\|/// Richard M. Flood
(O O) rflood@cis.umassd.edu
------oOO-(_)-OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ==========
that which is forbidden!
- Doktor Zum

2207. WANTED: Tallahassee, FL freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-14 02:51:37 UTC
From: jchristi@freenet2.scri.fsu.edu
Message-ID: <3hp5rp$4mi@freenet3.scri.fsu.edu>
Source record: 261277

Subject line speaks for itself...

Police, fire, sheriff, etc. would be greatly appreciated.

Thanks!

Jim
--

Support the Corporation for Public Broadcasting. Write your local
Congressional Representative and U.S. Senators opposing "zero funding"
for the CPB.

2208. Re: Damn pagers!!

Newsgroup: rec.radio.scanner
Date: 1995-02-14 03:45:58 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.250.0015C4C0@chevron.com>
Source record: 261278

In article <3hk9h2$gp@news1.halcyon.com> jeevan@chinook.halcyon.com (Jeevan Anandasakaran) writes:

>Isn't that because the pagers always have such miserable recievers in
>them? I mean, the range most pagers get (local pagers) could be done
>with maybe 20W if the pagers had good antennas and receivers, right? I
>live in an area with few paging towers, so this doesn't really affect me,
>but don't most paging companies use too much power for the application?

Not really. As someone that maintains a 900 Mhz paging system I can tell you that the users want their pagers to work everywhere - basements, bank vaults, submarines... wherever. 900 MHz systems usually run about 100 to 500 watts ERP in order to provide desired coverage.

I don't know if you're a pager user, but unless you want to walk around with a 4 inch whip sticking out of your head with low loss cable running to the box on your belt, they perform fairly well. Some pagers are better than others. We have some of these thin credit card pagers (I think NEC makes them) - and they suck. Motorola Advisors, Bravos, and some of the Dimension series units are pretty good - but they're bigger - that means more antenna.

The real problem with paging interference on a scanner is likely the scanner itself. Front ends that are too easily swamped by strong signals. Face it, how selective can a scanner's front end be if you want frequency coverage from DC to light. I would imaging that the scanners with high IFs are better at rejecting this type of stuff.

Curtis Wheeler San Ramon, CA (cgwh@chevron.com)
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

2209. 176 Mhz reception

Newsgroup: rec.radio.scanner
Date: 1995-02-14 04:24:21 UTC
From: froggie@intac.com
Message-ID: <3hpern$dse@uucp.intac.com>
Source record: 261279

From the other side of a mountain guy,

I live on the downside of a small mountain about 3/4 mile down on
the far side of line of sight with New York City. I have a RS discone
antenna on a 10' pole on my roof. I can receive NYC Fire, Hospitals,
MTA and Aux police fairly well. They are all in the 154 - 160 mhz range.
I am deaf to all police activity which is in the 477 - 480 mhz range.
If I drive to top of mountain I can hear this stuff fine with my
mobile rig from about 30 miles away from the City . Any suggestions
would be appreciated.

Thanks, Frank.

cross posted to: alt..scanner

2210. Austin Condor Antenna Info

Newsgroup: rec.radio.scanner
Date: 1995-02-14 04:36:36 UTC
From: johnv@teleport.com
Message-ID: <3hpc0k$5c7@desiree.teleport.com>
Source record: 261280

Does anyone know anything about the austin condor antenna for scanners?

I have a handheld scanner, and I use a radio shack telescoping center loaded whip. It is made of aluminum. This is the only antenna that I can get good performance with -- the supplied rubber antenna works, but its performance drops especially in the lower frequencies.

Does the condor give good reception? I am interested in the rubber flexible one. I would like to find a flexible antenna that has good reception because this long telescoping whip is a hassle and also might break my BNC connector.

Thanks!

johnv@teleport.com

2211. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-14 05:11:12 UTC
From: eddie@primenet.com
Message-ID: <eddie.17.00DDA8D1@primenet.com>
Source record: 261281
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have a BCT-7 sitting on my desk. So, I'll try to answer some questions.

1. Yes, it is pre-programmed with all states. The problem then is what frequencies. Mine seems to have the bulk of the frequencies I look for left out. I live in L.A., so there are tons of frequencies, most of which I found on other scanners. You can make up for missed programming by using the 25* user freqs. I say 25 because that is how many you can program per band. The 100 advertised is slightly misleading.

2. It does work fine. It is nice to have on the road. For a base/home unit look elsewhere.

3. If I had it to do over, I probably would have saved the $170 for a later purchase.

Eddie

2212. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-14 06:19:53 UTC
From: stavros@agora.rdrop.com
Message-ID: <D3z895.G6v@agora.rdrop.com>
Source record: 261282
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D3xKpJ.Hz2@agora.rdrop.com>,
Steve Culliton <stavros@agora.rdrop.com> wrote:
>In article <D3wGqD.Ko7@nntpa.cb.att.com>,
>Bob Parnass, AJ9S <parnass@ihlpf.att.com> wrote:
>>In article <D3vBA9.9wr@agora.rdrop.com>,
>>Steve Culliton <stavros@agora.rdrop.com> wrote about the BCT-7:
>
>
>
>
>> >.... Is it really pre-programed for all states?
>
>>Using a keyboard sequence, the scanner will scroll through
>>all states one by one displaying the state abbreviation, e.g.,
>>IL. You indicate which state you are in and the BCT7 will
>>use the freqs for that state from then on.
>
>Yes, I got that when I played with the unit. I know that the display
>will cycle through all the state abbreviations when you hit the button,
>but I still have a nagging doubt. My question then, is it already
>pre-programmed with all the states -freqs- in it as is, or does
>it have to be re-programmed for a different state by the factory when
>you want to use it somewhere else?
>
>The manual is vague on this point, only mentioning the fact that it is
>pre-programmed for *your* state. That doesn't seem to mean *all*
>states. I punched up Washington to listen to, since I was in
>Troutdale OR, and WA is just across the Columbia River, less than 2 miles
>away. Not one call came in, but on the local police setting (while set
>for Washington) the Portland OR police calls were coming in. This is
>why I'm not sure it already has *all* the states pre-programmed in.

Well, now I'm following up on my own posts... :-)

A call to Uniden today revealed that yes, it is pre-programmed for all
the states. However, what the tech said was that "it was pre-programmed
for all the *popular* police freqs..."

I wonder if there is much room for error there...

TTFN

-Steven

2213. Re: WANTED: Tallahassee, FL freqs.

Newsgroup: rec.radio.scanner
Date: 1995-02-14 07:36:30 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <3hpmhu$fpr@freenet3.scri.fsu.edu>
Source record: 261283

James Christie (jchristi@freenet2.scri.fsu.edu) wrote:
: Subject line speaks for itself...
: Police, fire, sheriff, etc. would be greatly appreciated.

Try THE EXCHANGE! bbs at 575-7900 (VT-100, 8-N-1) in Tallahassee.
--
Accept no substitutes.....chuck.....KE4QPU.....

2214. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-02-14 09:15:09 UTC
From: dra@pipeline.com
Message-ID: <3hpsat$7mu@pipe1.pipeline.com>
Source record: 261284

In rec.radio.scanner jcosiman@clark.net (JMConsulting) said:

>
>Here near Wash, DC, I can listen on 145.55. However, I've had my vox
recorder
>hooked up to my scanner this week and have heard nothing. Last shuttle
trip
>there was _a lot_ of traffic.

WA3NAN's relay on HF ham bands was also missing during last week's mission.

--
David R. Alpert, KB2LUM
ABC News
dra@pipeline.com

2215. Looking for "Freq Intelligence Directory by Jay Harris

Newsgroup: rec.radio.scanner
Date: 1995-02-14 09:15:31 UTC
From: dra@pipeline.com
Message-ID: <3hpsbj$7n9@pipe1.pipeline.com>
Source record: 261285

In rec.radio.scanner robert@eden.com (Robert Barker) said:

>Has anyone heard of this book.. does anyone know where it is sold?

Grove sells (sold?) it - but they currently don't have it in stock.
I have my doubts about their ability to get any more copies, as the author
is in deep trouble with authorities.
>
--
David R. Alpert, KB2LUM
ABC News
dra@pipeline.com

2216. pro-2027 cell mod???

Newsgroup: rec.radio.scanner
Date: 1995-02-14 10:53:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.2083.1921@tscnet.eskimo.com>
Source record: 261286

CELL MOD FOR PRO-2027:

This one is very difficult!

Remove D35 and place it in the D34 location.
Numbers should be on the PCB.
Just use good care and judgement when soldering.

That's All Folks!

2217. Selling ICOM IC-R1 (Europe)

Newsgroup: rec.radio.scanner
Date: 1995-02-14 11:09:01 UTC
From: halvorj@powertech.no
Message-ID: <4VxFlKV1IBp1079yn@powertech.no>
Source record: 261287
Cross-posted to: rec.radio.scanner,no.marked,swnet.pryltorg

I sell this radio for $375. It looks as if it has never been used, and it has full coverage in the 800-900 MHz region.

The price includes extra battery pack with 6 AA nickel hydride rechargable batteries (1000 mAh each!) and magnetic mount car antenna, and car power adapter.

Halvor Raknes Johansen, RN Oslo, Norway
Finger me for PGP key! www: http://www.powertech.no/~halvorj/

2218. Just A TEST

Newsgroup: rec.radio.scanner
Date: 1995-02-14 13:22:15 UTC
From: jbach@inet-serv.com
Message-ID: <jbach.2.000D5F51@inet-serv.com>
Source record: 261303

[No readable article body recovered]

2219. pro-51 or 2006

Newsgroup: rec.radio.scanner
Date: 1995-02-14 13:34:47 UTC
From: amike@maniac.med.miami.edu
Message-ID: <3hqbhn$ffq@miasun.med.miami.edu>
Source record: 261288

Hi:

I have a mod'ed pro-51 but have a chance to returned
it and get a 2006.

What do you think? I must decide in 2 days.
I have heard all 2006 are mod'able.

Txs,

Mike A.
amike@maniac.med.miami.edu

2220. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-14 15:02:59 UTC
From: halasz@kewszeg.UUCP
Message-ID: <3hqgn3$3i2@caip.rutgers.edu>
Source record: 261289
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

```
from bear@tigger.cs.colorado.edu (Bear Giles):
!!Considering the qualifications we'll be able to present (MS's and
!!PhD's in EE, CS, communications, etc.) vs the so-called qualifications
!!of the advanced ham communitity, our research focus vs. the public
!!forum for bitching about these no-code licenses, etc., I think there's
!!a good chance the FCC will agree.

I hope not--one eleetizm for another
```

2221. Re: Cordless Phone Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-14 15:31:31 UTC
From: jcarter@orl.mmc.com
Message-ID: <3hqicj$1ta@theopolis.orl.mmc.com>
Source record: 261290

Here are the ones I know about:
Cordless Telephone Channels

Chan: Base: Handset: Baby Monitors:
Channel 1 .. 46.610 ... 49.670
Channel 2 .. 46.630 ... 49.845 ... Channel 2
Channel 3 .. 46.670 ... 49.860 ... Channel 3
Channel 4 .. 46.710 ... 49.770
Channel 5 .. 46.730 ... 49.870 ... Channel 4
Channel 6 .. 46.770 ... 49.830 ... Channel 1
Channel 7 .. 46.830 ... 49.890 ... Channel 5
Channel 8 .. 46.870 ... 49.930

\/\/ * \/ _._. __._ /\/\/ | James A. Carter (Jim) | jcarter@orl.mmc.com |
/|\ | Senior Software Engineer |_____|
/\|/\ K D 4 P O N | Martin Marietta | These views are my own |
/\/|\/\ ORLANDO | Mail Point 138 | and not that of my |
/\/\|/\/\ FLORIDA USA | 5600 Sand Lake Road | employer. |
/\/\/|\/\/_____| Orlando, FL 32819-8907 |_____73's_Jim ____|

2222. Re: EUREKA!! New PRO-51 successfully (NOT!!!) 8A4 at least :(

Newsgroup: rec.radio.scanner
Date: 1995-02-14 15:40:56 UTC
From: Andy Chrostowski <U32077@uicvm.uic.edu>
Message-ID: <95045.094056U32077@uicvm.uic.edu>
Source record: 261291

Can someone post the directions on how to do this keyboard mod?

Thanks, AC

2223. Bearcat scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-14 16:21:18 UTC
From: doctorfu@prairienet.org
Message-ID: <3hql9u$re1@vixen.cso.uiuc.edu>
Source record: 261292

Request information from Bearcat BC120XLT owners:

1. Quality of product
2. Ease of use
3. Other miscellanous things that you feel might help.

I'm in the process of thinking about purchasing above model, as it
has most of the features that I want; i.e., 100 channels, no 800 band.
Being a railfan, I really don't need the 800 band, and there's EXACTLY
100 main frequencies for the railroads.

E-mail all replies to:
doctorfu@prairienet.org

Snail mail all replies to:
J. R. Teeter
1207 N. Mattis
Champaign IL 61821
(Snail mail is Post Office)

Thanx in advance. . .
--

| J. R. Teeter
| President, FU, Inc.
| Ferroequineologist par excellence

2224. Re: Secret Service Freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-14 17:06:47 UTC
From: bundy@webe.hooked.net
Message-ID: <3hqnv7$bd1@webe.hooked.net>
Source record: 261293

hmarq@interaccess.com (Hank Marquardt) wrote:

>Rumor has it that the first lady will be in town soon.
>I've never done any Secret Service monitoring ... are
>there any freqs/channels that either the advance teams
>or protective detail use that are in the clear? Or, as
>I suspect are they all DES encrypted?

Bill Clinton is here in S.F. this morning, and as usual, everything goes scrambled on the SS freqs. The day before is usually clear but the day of the visit...it's usually scrambled. I usually have better luck listening to SFPD on PIC 6 then the SS freqs.

Bundy
Paramedics Unlimited

2225. RR Freq's for Sunol/Livermore Rail

Newsgroup: rec.radio.scanner
Date: 1995-02-14 17:08:17 UTC
From: Kevin Braun <kevinb@tutsys.com>
Message-ID: <NEWTNews.15429.792785463.kevinb@king.tutsys.com>
Source record: 261294

Does anyone have the frequencies for the rail line between Sunol and Livermore CA? Thanks

..kevin

2226. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-14 17:32:32 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D403E9.52p@freenet.carleton.ca>
Source record: 261295

In a previous posting, Gleb Esman (gesman@io.org) writes:
> In article <D3utIn.3Jr@freenet.carleton.ca>,
> Darrell A. Larose <ad607@FreeNet.Carleton.CA> wrote:
>>In a previous posting, David May (davidmay@u.washington.edu) writes:
>> In an effort to get a scanner without the cell range blocked out, I was
>> wondering if I could buy the scanner in Canada. Are the cellular ranges blocked
>> from the Canadian models of the Uniden or Realistic scanners?
>>
>>The Shack stuff is blocked. It is not illegal to monitor cell in Canada, but
>>shack only sells blocked scanners, because they sell cell phones.
>
> There is still some PRO-43 models in some RS stores in Toronto, which has
> cell band available. Old stock? Of course RS employees don't have a clue
> about scanners, so you have to be familiar with what you're looking for.
>
I recently asked about modifable RS scanners to a shack person and was told
the following. RS will fire and fine up to $4,000 any salesperson who tells
how to or where to go to get a scanner modified. I would tend to believe
that RS could not impose the $4,000 fine as the mod is not illegal under
Canada's laws... Once they fire you they could not expect to collect the
fine and Canadian law will not support the claim. But RS has scared it's
staff any way...

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

2227. Re: Realistic PRO2027 closeout

Newsgroup: rec.radio.scanner
Date: 1995-02-14 17:36:16 UTC
From: jeffpmil@aol.com
Message-ID: <3hqpmg$hs1@newsbf02.news.aol.com>
Source record: 261296

Good question. IS this still a modifiable radio like the 2026?

Be seeing you,
Number 6

2228. Re: Scanner frequencies for Daytona 500

Newsgroup: rec.radio.scanner
Date: 1995-02-14 18:17:14 UTC
From: rls3@Ra.MsState.Edu
Message-ID: <rls3.792785781@Isis.MsState.Edu>
Source record: 261301
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

tim@america.com (Tim Dobbins) writes:

>Anyone have a current list of NASCAR related frequencies I can plug into
>the handhelds for Daytona? Is there a Web or Ftp site with a current
>list?

I have an old list (May of last year) in my homepage. I haven't seen one
any more current. IF you find one, let me know!

><><><><><><><><> NASCAR - Everything else is just a game! <><><><><><><><><
Roger L. Smith 6 rls3@Ra.MsState.Edu
Mississippi State University 24 roger@CS.MsState.Edu
CS Graduate Student 44 Link to racing images from my webpage
94 http://www2.msstate.edu:80/~rls3/
><><><><><><><><><><><><><><><><><><> Go fast, turn left ><><><><><><><><><><><><><><><><><><><

2229. Re: AR8000 -HOT URL! AR8000 EEPROM PROGRAMMING REVEALED

Newsgroup: rec.radio.scanner
Date: 1995-02-14 18:20:16 UTC
From: cherusci@hermes.dna.mci.com
Message-ID: <3hqs90$h11@hermes.dna.mci.com>
Source record: 261297
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In <3hmt91$2qi@nntp.crl.com>, Victor Healey Ki4je <vhealey@crl.com> writes:
>I just received email pointing to another URL for the AR8000.
>You really need to have a computer interface to the ar8000
>to appreciate what you can do with this info.
>
>http://p300.cpl.uiuc.edu/~tpeckish/ar8000.html
>

Am I the only one who can't connect to this URL? p300.cpl.uiuc.edu exists but
there doesn't appear to be any HTTP server running there.

2230. WTB: AR-8000

Newsgroup: rec.radio.scanner
Date: 1995-02-14 18:40:04 UTC
From: lwf69@aol.com
Message-ID: <3hqte4$ihs@newsbf02.news.aol.com>
Source record: 261298

Wanted to buy an AR-8000, pre ban, with no freq. gaps. Will pay cash or trade for a pre-ban Icom IC-R1 (plus cash)

Thanks,
LWF69@aol.com

2231. Re: Trident 2400: is it good??

Newsgroup: rec.radio.scanner
Date: 1995-02-14 18:45:32 UTC
From: schuster@panix.com
Message-ID: <3hqtoc$4bg@panix3.panix.com>
Source record: 261299

In article <3hpbbk$f66$1@mhade.production.compuserve.com>,
George J. Scudieri <71242.2021@CompuServe.COM> wrote:
>I have just purchased a Trident TR2400 hand-held. Does anyone
>know if this is a good scanner??

Wouldn't it have been more useful to ask BEFOE you bought it?

>My friend bought one and said it is great...coverage goes all the
>way to 2 Gig! I heard of some problems with it, but wanted some
>advice from those who know.

Compared to the older Nissei scanners (particular its predecessor the
AR1500/e/ex) it's a great improvement in ergonomics and, to some degree,
performance. Compared to rigs like the AR8000 or MVT-7100 it's primitive.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2232. Re: Austin Condor Antenna Info

Newsgroup: rec.radio.scanner
Date: 1995-02-14 18:47:12 UTC
From: schuster@panix.com
Message-ID: <3hqtrg$4jh@panix3.panix.com>
Source record: 261300

In article <3hpc0k$5c7@desiree.teleport.com>,
John Virtanen <johnv@teleport.com> wrote:
>Does anyone know anything about the austin condor antenna for
>scanners?
>
>I have a handheld scanner, and I use a radio shack telescoping
>center loaded whip. It is made of aluminum. This is the only
>antenna that I can get good performance with -- the supplied
>rubber antenna works, but its performance drops especially in the
>lower frequencies.
>
>Does the condor give good reception? I am interested in the rubber
>flexible one. I would like to find a flexible antenna that has
>good reception because this long telescoping whip is a hassle and
>also might break my BNC connector.

The Condor does not have a tuned element for VHF-lo, so you'll still do
better with the whip. However, since it is large, it does better than most
duckies on the low band.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2233. North York FD Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-14 20:40:27 UTC
From: ba074@torfree.net
Message-ID: <D40C3I.54o@torfree.net>
Source record: 261302

I don't know if my last posting made it so I'll try again...

Does anyone know if the North York Fire Dept frequencies have changed?

If so, can someone please let me know what the new frequencies are?

Many thanks.

Marshall Shunk
ba074@freenet.toronto.on.ca

--
Marshall M. Shunk -- ba074@freenet.toronto.on.ca

2234. State list

Newsgroup: rec.radio.scanner
Date: 1995-02-15 00:14:06 UTC
From: cameltoe@ripco.com
Message-ID: <D40LzJ.931@rci.ripco.com>
Source record: 261305

Does anyone have a list of states where it is illegal to posess a hand-held scanner? If this is to much to ask, what about Illinois/Iowa/Wisconsin/Indiana? Also is it possesionn or use of?
Thanks.

--

```
__ _ ______
/ ) // /
/ __. ______ _ // --/ ____/>
(__/ (_/|_/ / / <_</_</_ (_/ (_) (__
```

2235. Monitoring USA Responce To Islamic Terrorist Attacks

Newsgroup: rec.radio.scanner
Date: 1995-02-15 00:30:58 UTC
From: vhealey@crl.com
Message-ID: <3hrhjt$89v@nntp.crl.com>
Source record: 261306
Cross-posted to: rec.radio.scanner,alt.radio.scanner,talk.rumors,rec.radio.shortwave

There is a serious RUMOR that there is going to
be a terrorist attack here in the USA from the Islamic
terrorist groups next month. They are mad at recent blows
from US legal system.

What frequencies do you think one would want
to 'squirt' into their scanner to hear the US
responce to such actions?

AR8000 format ones can be sent for posting on
AR8000 site. Credit always posted as to author.

Do you think New York is the only target?

What frequencies do you think the scumballs will
use or aren't they that sophisticated in your
opinion? Remember IRAQ is said to be behind them in funding
and they might buy some high tech equipment.

How about sw frequencies? Any clandestine conversations?
Where?

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) information sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

2236. Re: AR8000 -HOT URL! AR8000 EEPROM PROGRAMMING REVEALED

Newsgroup: rec.radio.scanner
Date: 1995-02-15 00:31:21 UTC
From: vhealey@crl.com
Message-ID: <3hrhki$89v@nntp.crl.com>
Source record: 261307
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

cherusci@hermes.dna.mci.com (Herrman) wrote:
>In <3hmt91$2qi@nntp.crl.com>, Victor Healey Ki4je <vhealey@crl.com> writes:
>>I just received email pointing to another URL for the AR8000.
>>You really need to have a computer interface to the ar8000
>>to appreciate what you can do with this info.
>>
>>http://p300.cpl.uiuc.edu/~tpeckish/ar8000.html
>>
>
>Am I the only one who can't connect to this URL? p300.cpl.uiuc.edu exists but
>there doesn't appear to be any HTTP server running there.
>
The author pulled his text, having second thoughts. He killed the site
for the time being.

I am going to make the info available at my site after consulting
with a few others to make sure I won't get burnt for it.
I also have to verify if it is ok with "The Ultimate Hacker?"
It really is pretty neat and esential to hacking the ar8000.
I already figured much of it out myself but he really
wrote better then I could.

I know of three seperate folks that have figured out essntially the
same things. This fellow "The Ultimate Hacker?" figured out
a little more then I was aware of. For instance I know where
I am going to put 64 bytes that will burn anyone who
steals my radio!

KI4JE

2237. Wanted: Label Software

Newsgroup: rec.radio.scanner
Date: 1995-02-15 01:05:38 UTC
From: fredman@intac.com
Message-ID: <3hrk12$27j@uucp.intac.com>
Source record: 261308

I am looking for a good easy to use label program for a MAC Classic. The program must be able to handle the data for the labels efficiently, yet also has to be simple enough so someone with minimal computer background can operate it. Does anyone have any suggestions on what program I should purchase. If at all possible respond via e-mail. Thanks in advance.
-Nathaniel Fredman

2238. Technical info on YUPI 7100 please

Newsgroup: rec.radio.scanner
Date: 1995-02-15 01:20:54 UTC
From: Marcum@nance.demon.co.uk
Message-ID: <346807641wnr@nance.demon.co.uk>
Source record: 261309
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am looking for some detailed information on my YUPI 7100 like:
Is there front end filtering, what kind, how wide
what are the IF frequencies the local oscillator frequencies
is it high side or lo side injection?
Is it direct conversion or double or triple hetrodyned.

Any help at all is appreciated. Either data, or where I could find the
data.

Thanks in advance

Marcum N. Nance III AKA marcum@nance.demon.co.uk

2239. Re: USA MAPS ON CDROM

Newsgroup: rec.radio.scanner
Date: 1995-02-15 01:30:27 UTC
From: rodcole@cole.com
Message-ID: <3hrlfj$ehb@giga.bga.com>
Source record: 261310
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3hebjr$274@nntp.crl.com>, vhealey@crl.com (Victor Healey) says:

>I would love to give the program two long and two lat coordinates
>and get a map of everything in between.
>Is there anything that meets this requirement?

>I stoped at Sam's Club and saw three cdroms
>$36 Deloran Travel Planner
>$39 Ran McNalley Cdrom and travel Atlas
>$59 Deloran (spelling?) Streets of USA.

The DeLorme Street Atlas USA v 2.0 is the best of the programs cited. It will not do what you want to do, however. The other DeLorme program is even less capable. I am not familiar with the Rand McNally program, so I can't comment.

Once you have purchased Street Atlas USA, you can immediately send it along with a check for $105.00 to DeLorme and get their product called Map Expert, which is a greatly enhanced version of Street Atlas. DeLorme sells a GPS front end that works with this program that can be made to display a moving map on a laptop computer when hooked to a GPS receiver. It might be possible to write a program to do what you want to do. This offer is good only until the end of February, so you must take action immediately if you want to get this tremendous offer. The retail price for Map Expert is $495. DeLorme sells it for $295. The upgrade offer allows you to get it for $165. There are a number of us here in Central Texas who have ordered this upgrade. Some already have the system working in their vehicles.

As far as I am concerned, DeLorme is the only game in town for affordable mapping. Better stuff may be available, but it probably costs a fortune.

If you want additional information and methodology, drop me an email to rodcole@cole.com and I will keep you posted as things develop.

>I have a HP DJ550C to print any maps out in color.

This shouldn't be a problem as Map Expert is a Windows based program.

>I want to map the areas I program into the AR8000.

Rod, W7LTP
Dripping Springs, TX

2240. Re: Wanted: Label Software

Newsgroup: rec.radio.scanner
Date: 1995-02-15 01:35:05 UTC
From: fredman@intac.com
Message-ID: <3hrlo9$2o1@uucp.intac.com>
Source record: 261311

In rec.radio.scanner, fredman@intac.com (Nathaniel Fredman) writes:
>I am looking for a good easy to use label program for a MAC Classic. The
>program must be able to handle the data for the labels efficiently, yet
>also has to be simple enough so someone with minimal computer background
>can operate it. Does anyone have any suggestions on what program I should
>purchase. If at all possible respond via e-mail. Thanks in advance.
> -Nathaniel Fredman

Sorry about that....

2241. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-15 01:59:51 UTC
From: bcheek@cts.com
Message-ID: <D40qvs.5tB@crash.cts.com>
Source record: 261312
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> Bob Parnass, AJ9S <parnass@ihlpf.att.com> wrote:

> >The BCT-7 is an odd scanner -- better suited for sale at
> >truck stops than by dealers catering to scanner hobbyists.

> Hmmm... oddly enough, that's exactly where I saw it! :-)

I'm trying to tell you the BCT-7 (and all other Uniden scanners) are downright funky. They sport loads of bells, whistles, fruit loops, bubble gum, and dog biscuits. You don't find meat 'n taters in Uniden products anymore. Used to, you could. Not now.

Now you get it all on a chip.....where software, properly called firmware resides. Chips are not hardware....not unless there's a lot of them along with a lot of peripheral stuff.

The BCT-7 is designed for truck drivers and yuppies who don't know any better and don't have anything better on which to spend their money.

Best way to learn this, though.....is BUY ONE. <grin>

Bill Cheek
Author/Engineer
COMMtronics Engineering

2242. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1995-02-15 02:10:54 UTC
From: parnass@ihlpf.att.com
Message-ID: <D40rE6.Jqs@ssbunews.ih.att.com>
Source record: 261313
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: February 13, 1995. |

Lines changed since the previous issue are marked with a |
character in the right margin.

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
part on CDROMS, in bulletin boards, networks, or
publications which charge for service without permission of
the author. Free distribution is encouraged.]

This introduction is intended for people new to the
scanning hobby and is oriented to scanning in the USA. It
tells where you can buy your first scanner, what features
it should have, where to get it repaired if required, how
to get frequency information, and mentions a few scanner
clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by
what they overhear on their radios. Police cars, fire
engines, ambulances, armored cars, trains, taxis,
airplanes, and buses are all equipped with radios and you
can listen to them. You can monitor the local sheriff and
fire departments to hear about events "as they happen,"
before the news reporters hear about them. Hostage dramas,
bank robberies, car crashes, chemical spills, tornado
sightings are all fair game. In a single afternoon, you
can hear a high speed police chase, Drug Enforcement agents
on a sting operation, and undercover FBI agents as they
stakeout a suspect.

How about listening to a presidential candidate discuss
strategy with his advisor from a 415 MHz radiophone in Air
Force 1, or a team of G-men protect him while transmitting
in the 167 MHz range?

Baby monitor intercoms are actually transmitters and you
can hear them between 49.67 and 49.99 MHz.

Stay ahead of road conditions by listening to highway road
crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication. A new law outlaws listening to cordless phones, too, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the laws.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $9.95 + shipping from Grove Enterprises, PO Box 98, Brasstown, NC 28902.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend Trident nor many of the AOR brand scanners, although the AR8000 and AR3000 have good reputations.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners have larger displays and almost always provide more audio than portables, and some portables are more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 40 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Almost all low and mid-priced scanners are prone to receiving images -- receiving the same signal erroneously on two or more frequencies. With a few exceptions, images are undesireable due to the interference they cause, e.g., hearing aircraft transmissions while the scanner is tuned to the local police frequency. Premium quality scanners use "up conversion" circuitry, a scheme which greatly

reduces image reception.

Currently, the more popular scanners include the Uniden/Bearcat BC760XLT (a/k/a 950XLT) and discontinued Radio Shack PRO-2006 base/mobiles, the Uniden/Bearcat BC200XLT (a/k/a BC205XLT), BC220XLT, and Radio Shack PRO-43 portables. A number of owners report problems with the Icom R1 portable and the older Uniden/Bearcat 8500XLT base and 2500XLT portable. The new Uniden replacement models, the BC9000XLT and BC3000XLT, work very well and are my current favorites.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by the 1000 channel PRO-2035. The portable Radio Shack PRO-62 is a good performer. All three models employ up conversion and are made for Radio Shack by GRE (General Research Electronics). Both GRE and Uniden make scanners for Radio Shack.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so.

Portable scanners are supplied with a spring shaped antenna, covered by rubber. Although it is small and tolerant of physical abuse, the range of a heliflex antenna is very limited. Augmenting it with a 19" telescoping metal antenna can improve portable reception greatly.

Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801 (recently discontinued), can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be more prone to lightning strikes because they are not at "DC ground."

Coaxial Cable Feedlines

If your antenna installation requires more than 50 feet of feedline, use RG213/U or high quality RG8/U coaxial cable. RG213/U has a non-contaminating jacket and will last longer. Each has an outer diameter of about 13/32". Similarly sized Belden 9913 cable and clones have lower attenuation but are difficult to bend, require special connectors, and can accumulate moisture inside because it they are hollow.

If you must use a small diameter cable for long runs, use RG6/U. Avoid RG58/U (7/32" OD) due to its losses at high frequencies. RG8/X (1/4" OD) is suitable for short patch

cords.

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200. | Telephone (orders only): (800)438-8155.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- The Ham Station, 220 N. Fulton Ave., Evansville, IN 47719-0522. Telephone (800)729-4373, (812)422-0231.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. By federal regulation, new scanner models cannot be easily modified to tune the cellular phone bands.

Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is Gene Hughes' Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, published by SMB Publishing (now known as Scanner Master Publishing), and available from Grove Enterprises for about $25. A new 3rd edition is expected in early 1995. Monitor America contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes

and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 9th edition is available from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Grove enterprises sells FCC license information on CDROM for $100. The fields are similar to PerCon's Spectrum

CDROM, but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, | and produce a custom report. To make it easy to locate | transmitters, the report includes a color map marked with | transmitter sites. I call this new innovation RadioMap(TM) service. It allows you to identify antenna sites (including paging and cellular phone cell sites) and | visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave.

This is completely different from, and independent of the | Grove Enterprises CDROM. See Feb. 1995 Monitoring Times page 101, or RadioMap reviews on page 2 Feb. 1995 RCMA Scanner Journal and page 36 Jan. 1995 AOSC's American Scannergram.

Ham radio stations are not listed. The RadioMap report | includes frequencies, callsigns, and licensee names. I | will choose the range, depending on transmitter site | density. In rural areas, ranges of up to 8 or more miles | are possible, while ranges of 1/2 to 3 miles produce best results in urban cities.

I will produce custom RadioMap reports for areas in any of | the 50 states. Send $19.95 (check or money order) for each | RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who

is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's

"search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio and the Northeastern states, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays, most at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members often sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $15 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Some CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1995. All meetings will be held on Saturdays at locations announced in advance.

February 18, 1995 - Westmont Police Dept.
April 15
June 17
August 19
October 14
December 16

Bring a notebook and your appetite.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2243. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-15 02:11:11 UTC
From: parnass@ihlpf.att.com
Message-ID: <D40rEn.JtB@ssbunews.ih.att.com>
Source record: 261314
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed February 13, 1995 |

Lines changed since the previous issue are marked with a | |
character in the right margin. |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
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the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?"
Scanner enthusiasts can obtain frequency information from
several sources, including books, government microfiche
records, or other listeners.

Books

The most convenient source of fire and police frequencies
is the Police Call Radio Guide, published each year in 9
regional volumes by Hollins Radio Data, and sold at Radio
Shack and larger book stores for under $10. Police Call is
basically a computer printout of FCC license information in
the fire, police, local government, and conservation
services in two lists: by licensee name within state, and
by frequency. Later editions have included a few pages of
local airport and nonsensitive federal government
frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor
America, published by Scanner Master Corp., and available
from Grove Enterprises for about $25. This second edition
is crammed full of police, fire, local government, news
media, sports, national park, and commercial broadcast
frequencies for all 50 states. The information was
compiled mainly from members of the world's largest
scanning club, the Radio Communications Monitoring
Association (RCMA). Monitor America contains detailed
communications system profiles and precinct maps for major
metropolitan areas. Police and fire radio codes and unit
identifiers unique to local agencies are listed for several
cities. This differs from Police Call, which gives a more
sterile, but uniform treatment of licensees, listing even

the smallest of towns. A 3rd edition is expected in early 1995.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is a good book for this difficult to obtain information.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells information on CDROM for $100 instead. The fields are similar to PerCon's Spectrum CDROM (see below), but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, | and produce a custom report. To make it easy to locate | transmitters, the report includes a color map marked with | transmitter sites. I call this new innovation RadioMap(TM) service. It allows you to identify antenna sites

(including paging and cellular phone cell sites) and | visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave.

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I will produce custom RadioMap reports for areas in any of | the 50 states. Send $19.95 (check or money order) for each | RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto

terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals

weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200
order line (800)438-8155 |

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2244. Re: 176 Mhz reception

Newsgroup: rec.radio.scanner
Date: 1995-02-15 02:12:21 UTC
From: moy@xp.psych.nyu.eduBicycle
Message-ID: <3hrnu5$jiu@cmcl2.NYU.EDU>
Source record: 261315

In article <jrhaas-1302952356480001@ip217.pom.primenet.com> jrhaas@primenet.com (JR Haas) writes:
>In article <3hpern$dse@uucp.intac.com>, froggie@intac.com (Frank Geluso) wrote:
>
>> From the other side of a mountain guy,
>>
>> I live on the downside of a small mountain about 3/4 mile down on
>> the far side of line of sight with New York City. I have a RS discone
>> antenna on a 10' pole on my roof. I can receive NYC Fire, Hospitals,
>> MTA and Aux police fairly well. They are all in the 154 - 160 mhz range.
>> I am deaf to all police activity which is in the 477 - 480 mhz range.
>> If I drive to top of mountain I can hear this stuff fine with my
>> mobile rig from about 30 miles away from the City . Any suggestions
>> would be appreciated.
>>
>> Thanks, Frank.
>>
>> cross posted to: alt..scanner
>
>If you had a spare scanner and a location on top of the mountain you could
>pre program the scanner and use a cheap baby monitor to relay the audio to
>your house, just an suggestion.

Reception is going to be pretty much line-of-sight at 470 MHz. You
might be out of luck having a mountain in your propagation path.
All is not lost, however, since you're close to the city. You might
experiment with a directional antenna and seeing if there is usable
signal from reflection or scatter. A cheapo outdoor UHF *television*
antenna comes to mind. Try pointing it in various directions, towards
a nearby tall building, or perhaps even away from the city.

Good luck--hope this helps!

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

2245. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1995-02-15 02:15:19 UTC
From: parnass@ihlpf.att.com
Message-ID: <D40rLJ.JzJ@ssbunews.ih.att.com>
Source record: 261316
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed February 1, 1995 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the 1968 vintage Bearcat BCH, BCL, and BCU models, did not provide individual channel lockout capability. Electra didn't use the term "scanner" and instead called these innovative radios "business receivers." Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar

Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and older | scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and

Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741, 800-725-1426 |

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be

installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store

feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives

10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The

most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More

sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners. |

PRO2022: Base/mobile scanner. Like the PRO2021 but | includes the 800 MHz band. Cellular images throughout the | 847.6 - 869 MHz range. Includes power saver circuit, odd | for a base unit, which can clip the first part of a | transmission.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit

room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off

frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e., no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X			no
FR105	6	X			no
FR2512	24	X			no
FR2513	24	X			no
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

Plectron and Motorla Alert Monitor Receivers

In the 1960s and 1970s, thousands of firemen and ambulance squad members came to rely on their transistor Plectron and Motorola Alert monitor receivers. They have now been replaced by portable pagers, and are often available at hamfests in the $5 - $25 range. Since many are in rough condition and need repair, a hamfest special is better suited for hobbyists who like to fix their own radios.

Plectron and Motorola Alert crystal controlled receivers are excellent for dedicated monitoring of local frequencies -- a task for which you wouldn't want to tie up your 400 channel programmable scanner. These radios are fixed channel units and do not scan. They can be powered form 117VAC or 12VDC with the proper mobile cord.

The audio quality on a Plectron P1 or 700 series is far better than any consumer grade scanner and the sensitivity and intermod immunity is outstanding if aligned properly. The Plectron 500 series is less desireable. The Motorola Alert monitors are pretty good, although the audio lacks bass.

No single Plectron or Motorola Alert monitor can cover the entire 30-50 MHz band, and there were versions optimized for each portion of the band. There were different "split" models to cover segments of VHF-hi band, too. Although UHF versions were made, they are somewhat rare.

Both brands of receiver require special crystals. I sometimes use Radio Shack's generic 3rd overtone scanner crystals in the Plectrons but they oscillate on frequencies far away from their marked frequencies. That's because the Plectron oscillator is designed to be used with a crystal which oscillates on its fundamental, not overtone, frequency.

If you find the squelch on your Plectron 700 series receiver has too much hysteresis, replace R96, a 180K resistor, with a 560K resistor. On the P1, the resistor is designated R81.

Parts for Plectron receivers are available from:

Plectron
Plectron Place
P.O. Box 960
Imboden, Arkansas 72434

telephone 1-(501)869-2877

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Copyright 1995, Bob Parnass, AJ9S

AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2246. Re: pro-51 or 2006

Newsgroup: rec.radio.scanner
Date: 1995-02-15 03:22:16 UTC
From: DAVE WILSON <zydeco@delphi.com>
Message-ID: <pq2bMMA.zydeco@delphi.com>
Source record: 261317

Mike Alicea <amike@maniac.med.miami.edu> writes:

>I have a mod'ed pro-51 but have a chance to returned
>it and get a 2006.
>
>What do you think? I must decide in 2 days.
>I have heard all 2006 are mod'able.

I have both & if you have to choose ONE, go with the 2006. My 51 seems to be much more sensitive at picking up cell phones, but sucks on cordless. The freq range is a lot more limited than the 2006 also.

2247. Radio Shack Bargains in L.A.

Newsgroup: rec.radio.scanner
Date: 1995-02-15 03:57:47 UTC
From: petersse@CERF.NET
Message-ID: <3hru3r$2ei@nic.cerf.net>
Source record: 261318

Radio Shack's warehouse in Westminster had some flooding and right now they have a huge tent sale in their parking lot. Most of the stuff has damaged boxes but the insides are dry. I picked up the RS-2036 scanner for $159. They had about a hundred more of them.

They had tons of amps, speakers, stereos, some computers, mixing boards, PA stuff, Shortwave radios.

This lot is located on Knott St. just north of the 22 Fwy.

Scott Peterson

2248. Re: Wanted: Pro-43

Newsgroup: rec.radio.scanner
Date: 1995-02-15 04:28:51 UTC
From: greg84@aol.com
Message-ID: <3hrvu3$qkk@newsbf02.news.aol.com>
Source record: 261319

Try MaryMac (I forgot the #, It's in Pop'Comm or Monitoring Times). I bought mine last week (Code 1A4) and did the mod. HOwever, they only had a few left. Call NOW!!! If you want any chance. Price was $299.
G.Harris

2249. Re: pro-51 or 2006

Newsgroup: rec.radio.scanner
Date: 1995-02-15 04:37:27 UTC
From: greg84@aol.com
Message-ID: <3hs0e7$qlu@newsbf02.news.aol.com>
Source record: 261320

Go for the 2006. No great words of wisdom. Just an opinion. There has to be a reason that the 2006 is the best seller of all time.
G.Harris

2250. Re: Bel 645 STI Radar Detector

Newsgroup: rec.radio.scanner
Date: 1995-02-15 05:24:37 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950214212255.14209D-100000@watson.ECE.ORST.EDU>
Source record: 261321

On 10 Feb 1995, Joe J Retzer wrote:

> I was wondering if anyone could give me some info on the Bel 645 STI
> radar detector. It has all the features I would like to have but is
> a bit pricey ($329.00 at a local electronics outlet). Is there a
> mailorder place that carries this type of item, possibly at discount
> prices? I've also noticed a detector from Radio Shack which has
> the same features (not to mention the fact that it looks exactly
> like the Bel) as the Bel. Its item 22-1653 on page 164 of the 1995
> catalog. The only difference I can note is the price (the RS
> detector sells for $269.99. Is this a Bel Detector with the RS
> logo on it?

Instead of a detector, why not kick in a few extra hundred dollars and
get a jammer?? The ARC Interceptor is $600 and will jam X and K. A
detector is no more than a ticket alarm. I just wish I had $600.

2251. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-15 05:29:34 UTC
From: gregg@PLAINS.NODAK.EDU
Message-ID: <gregg.661.00081A46@PLAINS.NODAK.EDU>
Source record: 261322

In article <3hk96r$bjq@grape.epix.net> wmerrell@news.epix.net (Async User) writes:
>From: wmerrell@news.epix.net (Async User)
>Subject: Scratch removal ?
>Date: 12 Feb 1995 06:18:03 GMT

>Does anyone know of a way to remove scratches on the
>face of the LCD panel on handhelds?
>Thanks!

>Bill

Go to a plastics supply house and get some Novex plastic polish. It has a
very mild abraisive and will take out all but the deepest scratches and leave
your LCD panel looking like new. Follow the label instructions.

****
Joe Gregg
Internet: Gregg@Plains.NoDak.edu
Ham Radio Packet: KN0A@W0ILO.#SEND.ND.USA.NOAM
Home: 701-588-4427
Work: 701-231-8353
****

2252. Re: pro-51 or 2006

Newsgroup: rec.radio.scanner
Date: 1995-02-15 05:42:50 UTC
From: Bruce Sutherland <76050.1131@CompuServe.COM>
Message-ID: <3hs49i$it6$1@mhade.production.compuserve.com>
Source record: 261323

DO IT NOW!!!!

The 2006 is definately a more flexible unit.

2253. New Zealand Scanners Ahoy!

Newsgroup: rec.radio.scanner
Date: 1995-02-15 05:45:41 UTC
From: PGUNN@alkali.otago.ac.nz
Message-ID: <1FE748F3A55@alkali.otago.ac.nz>
Source record: 261324

Any scanners out there from the top of the North Island?

I'm based in the South and I'm looking to swap notes with anyone up North.

reply to PGUNN@alkali.otago.ac.nz

2254. What is your dream scanner?

Newsgroup: rec.radio.scanner
Date: 1995-02-15 07:21:31 UTC
From: gene@mcs.com
Message-ID: <gene.42.00058018@mcs.com>
Source record: 261173

Just would like an opinion from all scanner buffs. What is your dream scanner?

2255. Re: POLICE TELEPHONE

Newsgroup: rec.radio.scanner
Date: 1995-02-15 07:48:48 UTC
From: lerman@rocket.cc.umr.edu
Message-ID: <3hsbl0$bju@hptemp1.cc.umr.edu>
Source record: 261125

John M Pinkerton (jpinkert@sigg.com) typed:
: Some areas use cellular phones within the cars and they are subject to scanner
: reception. Other departments don't even allow you to bring your own celluar
: phone while on duty.
: I personally use a cellular phone, but I have selected a DIGITAL phone for
: security.

This sounds typical. I am from a small town in upstate NY, and most of
the police officers will have cell phones in their cars. The Sheriff's
Dept. also follows this rule. However, I do not know whether the phones
are able to be detected over, oh, say a scanner ;), but I know they have
them. This is in a rural area, though. It may be different in a city.

Ben Lerman (lerman@umr.edu)

2256. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-15 08:00:17 UTC
From: d-cripps@dircon.co.uk
Message-ID: <3hrgei$lq1@newsgate.dircon.co.uk>
Source record: 261126
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The main problem we scanner users in the UK have is Big Brother.
We have mags like Short Wave Radio, but they DON'T give actual freqs to listen to. Monitoring Times recently had an aticle on the US govenmrnt HF radio service and listed freqs to listen to and even suggested that the operators might like to receive RST reports!
If a mag in the UK published actual requencies they would be closed down overnight. They can publish "bands" but not spot frequencies.

And scanning is really a "localised" hobby (as is the want of VHF) so localised scanning news groups seems logical.

A generalised group OK, but specific as well. Please?

>> I VOTE for this one!
>>
>> It would be good to see scanning from another area than USA.
>I add my vote. I've recently gotten copies of a british scanner magazine
>called shortwave magazine and it is far superior to our monitoring times
>and pop com. The advertisements are also interesting because they show
>numerous scanners that we in the U.S. have never heard of.

2257. Uniden Sportcat (SC150) Mod Request

Newsgroup: rec.radio.scanner
Date: 1995-02-15 08:01:38 UTC
From: James Rardon <jrardon@delphi.com>
Message-ID: <pY34sIC.jrardon@delphi.com>
Source record: 261127

Anyone have any mods for the aforementioned unit?
E-Mail to jrardon@delphi.com.
Thanks!

2258. Re: Sportcat Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-15 08:16:56 UTC
From: lerman@rocket.cc.umr.edu
Message-ID: <3hsd9o$cg0@hptemp1.cc.umr.edu>
Source record: 261128

boice933@129.101.119.223 typed:

: I'm still curious myself about mods (since I only bought it a week ago), but
: here are the frequencies, as extracted from the op guide:

806 - 956

This band is broken up into at least three sections. That is, there are holes where the cell phone freqs. are between 806 and 956 MHZ. It really sucks! But it is still an excellent scanner for the money. It cost me $212.00 last summer ('94) in upstate NY. This may be more or less in other areas of the nation, but it was worth it since I am a volunteer fireman when I'm not at college. I recommend this scanner to anyone who is just casually into the scanning thing and does not want to blow big bucks, but still wants up to 300 channels per second (on search mode @ the 27-170 MHZ range), 100 programmable channels, and lots of other neat features that would probably cost much more. I'm no expert, so don't take this as a matter-of-fact review. Just my $.02!

Ben Lerman
lerman@umr.edu

2259. Poughkeepsie, NY 800 MHz frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-15 08:44:01 UTC
From: chestergeo@aol.com
Message-ID: <3hsesh$ge@newsbf02.news.aol.com>
Source record: 261129

From a local Radio Shack, the new 800 MHz trunked frequencies
for Poughkeepsie:

852.6125
807.6125
852.6875
807.6875
853.2625
808.2625
854.4125
809.4125
860.7125
815.7125

Presently, it appears that the town police, town highway, and city
fire departments are using the system. The city police and DC
fire are on their regular frequencies.

Chet

2260. Re: Monitoring USA Responce To Islamic Terrorist Attacks

Newsgroup: rec.radio.scanner
Date: 1995-02-15 09:06:19 UTC
From: houndy1@aol.com
Message-ID: <3hsg6b$jm@newsbf02.news.aol.com>
Source record: 261130
Cross-posted to: rec.radio.scanner,alt.radio.scanner,talk.rumors,rec.radio.shortwave

just checking for a basis for your claims..i want to know.

houndy1

2261. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-15 09:28:23 UTC
From: randolph@est.enet.dec.com
Message-ID: <3ht4fb$2qm@mrnews.mro.dec.com>
Source record: 261137
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <3hrakr$3cn@csnews.cs.Colorado.EDU>, bear@tigger.cs.colorado.edu (Bear Giles) writes...
>If a ham has advanced tSotA, I'll let him speak
>his peace, but in my experience the loudest defenders of the status
>quos are often the people who view the ham spectrum as a source of
>"free" long distance calls, not as a technical challenge to push more
>data through smaller bandwidth windows with less power and more
>reliably.
>Bear Giles

IMO, you're in over your head.

Sure, there are obnoxious jerks among the ham radio community just as there are anywhere else. I've found them to be very much the minority, but they do tend to stand out.

Your comment above is quite ironic, given that packet radio networks were made a practical reality on the ham bands. At least now I know why amateurs put their own communications satellites in orbit - to make free long distance phone calls.

-Tom R. N1OOQ (/AA) randolph@est.enet.dec.com

2262. Re: Antenna Wire...

Newsgroup: rec.radio.scanner
Date: 1995-02-15 10:01:12 UTC
From: Roger Johnson <chip0001@delphi.com>
Message-ID: <5g14ssA.chip0001@delphi.com>
Source record: 261131

Tyr using BELDEN RG-8u. It costs alot but is THE BEST you can get, next to hardline.

2263. Re: BCT-7 question

Newsgroup: rec.radio.scanner
Date: 1995-02-15 10:24:22 UTC
From: vhealey@crl.com
Message-ID: <3hskcc$qg3@nntp.crl.com>
Source record: 261132
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Bill you probably made a lot of enemies with that post.
But I have to agree with your observations. Myself
and others in this area have come to the same conclusion
regarding any BearCat Product today. Dung!

I used to buy there line years ago, but no more.
BTW neat to see you on the Net.

Vic Healey
Ki4je

Bill Cheek <bcheek@cts.com> wrote:
>> Bob Parnass, AJ9S <parnass@ihlpf.att.com> wrote:
>
>> >The BCT-7 is an odd scanner -- better suited for sale at
>> >truck stops than by dealers catering to scanner hobbyists.
>
>> Hmmm... oddly enough, that's exactly where I saw it! :-)
>
>I'm trying to tell you the BCT-7 (and all other Uniden scanners) are
>downright funky. They sport loads of bells, whistles, fruit loops,
>bubble gum, and dog biscuits. You don't find meat 'n taters in
>Uniden products anymore. Used to, you could. Not now.
>
>Now you get it all on a chip.....where software, properly called
>firmware resides. Chips are not hardware....not unless there's a
>lot of them along with a lot of peripheral stuff.
>
>The BCT-7 is designed for truck drivers and yuppies who don't know
>any better and don't have anything better on which to spend their
>money.
>
>Best way to learn this, though.....is BUY ONE. <grin>
>
>Bill Cheek
>Author/Engineer
>COMMtronics Engineering
>
>

2264. AR8000 database

Newsgroup: rec.radio.scanner
Date: 1995-02-15 14:01:10 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3ht1f6$jri@sparc.occ.uky.edu>
Source record: 261133

The update to my Access database has been posted on Vic's WEB page. If you point to my previous entry, you will get the updated database (the -2 version)

For those of you who don't have any idea what I'm talking about . . .

I've posted a freeware database for the AR8000. The database is written in Microsoft Access 2.0 and requires that you have Access on your computer. It can import and export data from the AR8000 by using text files (standard "squirt" or "MX" format). It maintains a frequency table with all your thousands of "finds" and dynamically links it to the AR8000's memory channel assignments.

Try it and let me know what you think!

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

2265. Re: What is your dream scanner?

Newsgroup: rec.radio.scanner
Date: 1995-02-15 14:34:12 UTC
From: brueger@infi.net
Message-ID: <a3XGlaeirSZA078yn@infi.net>
Source record: 261134

In article <gene.42.00058018@mcs.com>, gene@mcs.com (Gene Maletta) wrote:

>Just would like an opinion from all scanner buffs. What is your dream scanner?

Well you asked so here goes:

A scanner that will:

1) "follow" trunking.
2) 1000 channels with a scan rate of approximately 1000 channels per
second scan rate.
3) able to monitor several channels simultaneously. This would be
great for monitoring trunked freqs.
4) skip the Motorola anti-scanner data bursts and the end of
transmission anti-scanner tones.

Cheers

Brian

--

Brian J. Rueger | Hampton Div. of Fire & Rescue | "Who
Medic/Firefighter | Squad-7 (Advanced Life Support) | dares
B.S.-C.J. Comm/IP/SEL | MSgt, USAF (Ret.) 49199 | wins"

Would you like to have some pizza with that sausage?

2266. North Texas Irish

Newsgroup: rec.radio.scanner
Date: 1995-02-15 15:31:00 UTC
From: wright@uhcl2.cl.uh.edu
Message-ID: <15FEB199510315408@uhcl2.cl.uh.edu>
Source record: 261135

Please post or e-mail freqs used at the North Texas Irish Festival.

Thank,

Russell Wright wright@cl.uh.edu

2267. Re: Another ACE Communications SCREW-UP

Newsgroup: rec.radio.scanner
Date: 1995-02-15 16:20:28 UTC
From: balbu@aol.com
Message-ID: <3ht9kc$2pk@newsbf02.news.aol.com>
Source record: 261136

I just recieved my AR1000xlt that I ordered from them BEFORE Christmas. They kept telling me that it would be there within the week. To top it all of they sent me the wrong instruction manual. They're a bunch of idiots.

2268. Re: Uniden MR8100

Newsgroup: rec.radio.scanner
Date: 1995-02-15 17:48:29 UTC
From: scottm5443@aol.com
Message-ID: <3htepd$3qi@newsbf02.news.aol.com>
Source record: 261138

call Nick @ 515-276-0900 Central Iowa time

2269. Re: State list

Newsgroup: rec.radio.scanner
Date: 1995-02-15 17:55:36 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-150295124738@132.226.103.46>
Source record: 261139

In article <D40LzJ.931@rci.ripco.com>, cameltoe@ripco.com (Atur Kasha)
wrote:
>
> Does anyone have a list of states where it is illegal to posess a hand-held
> scanner? If this is to much to ask, what about
> Illinois/Iowa/Wisconsin/Indiana? Also is it possesionn or use of?
> Thanks.
>
>
> --
> __ _ ______
> /) // /
> / __. ______ _ // --/ ____/>
> (__/ (_/|_/ / / <_</_</_ (_/ (_) (__

From "SpeedtrapS" by Tomerlin & Whitledge;1994 Edition

Is Mobile (use in vehicle) Use of Scanners Legal:

Iowa; YES: Legal
Wisconsin; YES; Legal
Illinois; YES; Legal

Indiana; NO; Illegal State Law 35-44-3-12. Licensed Radio Amateurs
Exempt.
Actual possession of the unit is illegal. Must have permit.

Hope this helps.

2270. BC890 Mods?

Newsgroup: rec.radio.scanner
Date: 1995-02-15 18:04:49 UTC
From: anubis@luxor.csuohio.edu
Message-ID: <1995Feb15.180449.24411@news.csuohio.edu>
Source record: 261140

Anybody know of any mods for the Bearcat 890??

2271. Re: BC980 Mods??

Newsgroup: rec.radio.scanner
Date: 1995-02-15 18:12:44 UTC
From: anubis@luxor.csuohio.edu
Message-ID: <1995Feb15.181244.24664@news.csuohio.edu>
Source record: 261141

In article <1995Feb15.180449.24411@news.csuohio.edu>
anubis@luxor.csuohio.edu (Gregory Stark) writes:
> Anybody know of any mods for the Bearcat 890??
OOOps - I mean that 980.....

2272. Re: Med frequencies...

Newsgroup: rec.radio.scanner
Date: 1995-02-15 18:53:02 UTC
From: apu@menger.eecs.stevens-tech.edu
Message-ID: <3htiie$33l@apocalypse.dmi.stevens-tech.edu>
Source record: 261142

The "Med channels" are allocated as a group of twenty frequencies, though only channels 1-8 (16 freqs.) compose the telemetry channels. Telemetry refers to the practice of sending EKGs back to the hospital via radio.

Generally, these eight channels are assigned by the dispatcher as needed (your "Go ahead on Med 5") for either the duration of the call (on-scene time to arrival at hospital) or in busier systems for just the few minutes the EMS units wish to speak with the doctor.

|> Every now and then I'll hear a mobile unit request and
|> receive permission to communication with a hospital, and
|> the dispatcher will say something like "Go ahead on Med 5"
|> or some other number...but I neve hear anything else on
|> any of those frequencies.
|>
|> How are those other frequencies used...both in theory and
|> in actual application elsewhere? Is this partly a reception
|> problem for me, or is there really likely to be very light
|> traffic on those frequencies in this area?

The mobiles transmit at a low power level on 468 MHz, and this is repeated in the truck, again at a relatively low power level. The signal is picked up by one of many radio towers scattered about the units coverage area and relayed to the hospitals via telephone. Because of the low power levels, you can expect to be able to receive (with a scanner) the mobiles for about 1/2 mile. On the other hand, you should be able to hear the doctors on 463 for a good distance.

In case you are interested, a computer in the dispatch center is told what channel a unit is assigned to, and turns on the nearest radio tower to the unit and connects the hospital's console to the tower via phone. The doctor never has to pick what radio frequency to use or change to the frequency the unit has been assigned for this job.

The other two channels (09=462.5500&467.9500; 10=462.9750&467.9750) are usually used as talk channels between dispatch and the mobile units--a way to keep non-emergency traffic off the dispatch frequencies, and, due to the limited radio range of the mobiles, a way to convey information that while not confidential is not public (ie, food orders, call XYZ, etc.) It also often used in busier systems as secondary. limited function dispatch channel. Usually an agency will use Med 09 or Med 10 both not both, though some use one for dispatch type communcations and the other for patient report type comm. Since Med 09 and Med 10 are not real med channels, some systems also connect them to regular repeater systems so you can easily hear both sides.

|> For that matter, some hospitals and ambulances in this region are
|> still on 155.220 and 155.340. For whatever that is worth!

At least in New Jersey, the 155.xxx frequencies are probably the most popular
for EMS dispatch, mutual aid, etc. Specifically,
for dispatching: 155.160, 155.175, 155.205, 155.220, 155.235
155.265, 155.280, 155.295, 155.385, 155.400
for mutual aid: 155.280, 155.340, 153.725, 153.785 *
for pt. reports: 155.340

*-The 153.xxx frequencies are SPEN 3 & 4, used mostly by EMS & fire.
(SPEN = Statewide Police Emergency Network)

**-JEMS 1 is the ALS dispatch frequency (varies from area to area)
and JEMS 2 (155.340) is used for patients report and mutual aid.
JEMS 3 (155.280) is used for dispatch and mutual aid and JEMS 4
is the same as SPEN 4. (JEMS = (New) Jersey EMS)

Of course, many agencies are dispatched on 3x.xx and 4x.xx MHz, other
15x.xxx frequencies (often FD or PD channels with paging), 4xx.xxxx
(again, most FD or PD channels with paging) and less common 800/900 MHz.

Apu, EMT-D (NJ)

Apu, EMT-D (NJ).....apu@menger.eecs.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

2273. Community repeaters

Newsgroup: rec.radio.scanner
Date: 1995-02-15 22:06:53 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6403@rook.ukc.ac.uk>
Source record: 261143

What are they?
So far I have had barely a sausage off them :-(

2274. PRO-39 Mod/ Easy to perform.....

Newsgroup: rec.radio.scanner
Date: 1995-02-15 22:16:00 UTC
From: Bishwa Shrestha <bishwa@rodeo.uwyo.edu>
Message-ID: <Pine.ULT.3.91.950215151041.21803B-100000@rodeo.uwyo.edu>
Source record: 261144

Restoring cellular freq is very easy. Even I did it!!! Just
make sure to put all the screws on the bottom board before closing. I
had to repeat the process again because I forgot to put the screws before
closing the unit.
Use "solder vaccuum" to make things easier. Finally thanks
(millions) to Robert Langston and "Houndy" for their valuable help.

Bishwa Shrestha

2275. Re: Scratch removal ?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 00:04:00 UTC
From: amsoft@epix.net
Message-ID: <3hu4pg$om@grape.epix.net>
Source record: 261145

In article <3hk96r$bjq@grape.epix.net>, wmerrell@news.epix.net says...
>
>Does anyone know of a way to remove scratches on the
>face of the LCD panel on handhelds? Thanks!

Eyeglass Manufactures & Dental Labs use a compound to polish the plastics they work on. I picked up some polishing compound for plastics at a large hardware/hobby store. The brown compound from the hardware/hobby store polished smooth, but left a dull finish. I suspect it was course. I obtained some of the white polishing compound from a dentist, and applied that with a cotton ball to get a very nice shiny surface.

--
Pete, KC3TL
amsoft@epix.net

--
########## F R E E H A M N E W S L E T T E R
o)(o --
#C# _> A free newsletter about The World of Ham
\ ___/ / Radio CD-ROM is available by sending your
| / __/ present E-Mail address to amsoft@epix.net
/____\ / // --

2276. MOD for PRO-2032

Newsgroup: rec.radio.scanner
Date: 1995-02-16 00:32:40 UTC
From: daayala@students.wisc.edu
Message-ID: <3hu6f8$1mh@news.doit.wisc.edu>
Source record: 261146

Does anyone have the cellular mods for the RS PRO-2032?
If so, please let me see them! Thanks!

Daniel Ayala

2277. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 01:00:44 UTC
From: julian@kesteven.win-uk.net
Message-ID: <534@kesteven.win-uk.net>
Source record: 261148

In article <3hpsat$7mu@pipe1.pipeline.com>,
David Alpert (dra@pipeline.com) writes:
> In rec.radio.scanner jcosiman@clark.net (JMConsulting) said:

>>Here near Wash, DC, I can listen on 145.55. However, I've had my vox
>>recorder hooked up to my scanner this week and have heard nothing.
>
>WA3NAN's relay on HF ham bands was also missing during last week's mission.

Is that the one I couldn't hear on 14.295 MHz ? :-(

Julian.

2278. Re: Monitoring USA Responce To Islamic Terrorist Attacks

Newsgroup: rec.radio.scanner
Date: 1995-02-16 02:42:52 UTC
From: robertso@bev.net
Message-ID: <3hue3c$rst@solaris.cc.vt.edu>
Source record: 261149
Cross-posted to: rec.radio.scanner,alt.radio.scanner,talk.rumors,rec.radio.shortwave

```
>What frequencies do you think the scumballs will
>use or aren't they that sophisticated in your
>opinion?

Try 88 to 108 Mhz
```

2279. Re: Technical info on YUPI 7100 please

Newsgroup: rec.radio.scanner
Date: 1995-02-16 03:11:20 UTC
From: horak@convex.com
Message-ID: <3hufoo$l0g@eugene.convex.com>
Source record: 261150
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <346807641wnr@nance.demon.co.uk> Marcum@nance.demon.co.uk ("Marcum N. Nance III") writes:

>I am looking for some detailed information on my YUPI 7100 like:
>Is there front end filtering, what kind, how wide
>what are the IF frequencies the local oscillator frequencies
>is it high side or lo side injection?
>Is it direct conversion or double or triple hetrodyned.

The manual that comes with the radio doesn't provide much information.
I can tell you that it is triple conversion and there are UHF TV images
455 MHz higher than the actual frequency. The front end is wide, like
most scanners but the Yupi is not as prone to intermod and overload as
other scanners I have seen.

There are 5 different battery save functions :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2280. Monitoring AM radio listenership

Newsgroup: rec.radio.scanner
Date: 1995-02-16 03:44:49 UTC
From: sulzmanj@peak.org
Message-ID: <3huhnh$hpv@gaia.ucs.orst.edu>
Source record: 261151

This is a request for information and assistance. I�m part of an Oregon State University project using low power AM radio (travelers� information stations) to reach car commuters with information about Oregon forests and forest management. We have three TIS transmitters up and running in various locations, each broadcasting 10 watts at 1610 kHz.

Our challenge is to evaluate the project, including determining how many listeners we have and when they listen. Easier said than done. But an article in the September 21, 1994 issue of Radio World describes a �new electronics rating system� developed by Trendata Corporation to monitor radio listenership that could help with our evaluation. It uses computer/scanner technology. Here�s an excerpt from the article:

�We put together a computer program which acts kind of like a Bearcat scanner,� explained Earl Baldwin, the marketing director of Trendata of Mesa, Ariz. �As all the cars go by, it rotates the FM signals with 10.7 MHz added onto it. When it locks onto a signal, it records it, the station, frequency, time and location. Then it releases it and searches for another.�

The article goes on to say that �the nature of the technology excludes AM and stationary listenership.�

The technology sounds perfect for our application. But can a similar technology be built (fairly inexpensively) to monitor AM listenership? How would one go about building such a device?

Please respond directly to me. Thank you in advance for any assistance.

John Sulzmann
sulzmanj@peak.org

2281. Re: AR8000 database

Newsgroup: rec.radio.scanner
Date: 1995-02-16 03:57:36 UTC
From: vhealey@crl.com
Message-ID: <3hui33$q03@nntp.crl.com>
Source record: 261152

URL to get file if you are reading this with Netscape
hold shift key and click on next line
ftp://ftp.crl.com/users/ro/vhealey/www/zipped/ar8000-2.zip

Enjoy
Vic
Ki4je

jadantin@ndlc.occ.uky.edu (Jim Dantin) wrote:
>The update to my Access database has been posted on Vic's WEB page. If
>you point to my previous entry, you will get the updated database (the -2
>version)
>
>For those of you who don't have any idea what I'm talking about . . .
>
>I've posted a freeware database for the AR8000. The database is written
>in Microsoft Access 2.0 and requires that you have Access on your
>computer. It can import and export data from the AR8000 by using text
>files (standard "squirt" or "MX" format). It maintains a frequency table
>with all your thousands of "finds" and dynamically links it to the
>AR8000's memory channel assignments.
>
>Try it and let me know what you think!
>
>--
>Jim Dantin jadantin@ndlc.occ.uky.edu
> Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

2282. Re: Monitoring USA Responce To Islamic Terrorist Attacks

Newsgroup: rec.radio.scanner
Date: 1995-02-16 04:01:52 UTC
From: vhealey@crl.com
Message-ID: <3huib3$q03@nntp.crl.com>
Source record: 261153
Cross-posted to: rec.radio.scanner,alt.radio.scanner,talk.rumors,rec.radio.shortwave

robertso@bev.net (Bruce Robertson) wrote:
>
>>What frequencies do you think the scumballs will
>>use or aren't they that sophisticated in your
>>opinion?
>
>
>
>
>
>Try 88 to 108 Mhz

FUNNY <grin>
Seriously I have heard some conspiratorial type talk on the low side
of that range. Folks who hate the UN, fear black helio's, afraid
UN will take their children, etc.

Usually some preacher on a 'non-profit station.

2283. RE: MONITORING USA RESPON

Newsgroup: rec.radio.scanner
Date: 1995-02-16 04:09:18 UTC
From: vhealey@crl.com
Message-ID: <3huip2$q03@nntp.crl.com>
Source record: 261154
Cross-posted to: alt.radio.scanner,rec.radio.scanner

bill.funk@iotp.com (BILL FUNK) wrote:
>
>On 15 Feb 95 12:30am, VICTOR HEALEY wrote to ALL:
>
> VH> There is a serious RUMOR that there is going to
> VH> be a terrorist attack here in the USA from the Islamic
> VH> terrorist groups next month. They are mad at recent blows
> VH> from US legal system.
>
> VH> What frequencies do you think one would want
> VH> to 'squirt' into their scanner to hear the US
> VH> responce to such actions?
>
> Any local disaster freqs should get you in the midst of any comms. Put in,
> of course, the local PD & FD. State police, arson & SWAT freqs. Federal
> agencies involved would be FBI, ATF, Marshals. ALso, airport & air comms,
> possibly Nat'l Guard, or Army (security, mostly).
>
> VH> What frequencies do you think the scumballs will
> VH> use or aren't they that sophisticated in your
> VH> opinion? Remember IRAQ is said to be behind them in funding
> VH> and they might buy some high tech equipment.
>
> VH> How about sw frequencies? Any clandestine conversations?
>
> SHortwave? I doubt it. Phones are a lot cheaper and much more secure.
> Clandestine conversations on shortwave need to be scrambled to be
> clandestine. This is expensive. Phones can be used, with little expectation
> of being tapped (easy; use different pay phones. Even tap warrants can't
> keep up then).
> Good luck!
>
>Bill Funk AKA Mr. Scanner (on my block, anyway!)
> Internet: bill.funk@iotp.com

Bill precisely what a security expert wrote me regading captured
hardware.
I did note that Newsweek said the last terrorist just taken had a
"radio control' model car ladden with explosives.
I wonder if he got the idea from the James Bond movie?

One defense would be to scramble rc freq and continously jam them with a low power
transmitter reaching only 1/4 mile or so. May set off device before it gets too close.
Might mess up some innocent, though your firm would be safe.

2284. Re: Technical info on YUPI 7100 please

Newsgroup: rec.radio.scanner
Date: 1995-02-16 04:28:13 UTC
From: 213ec@3f9y.mdd
Message-ID: <213ec.103.06C4EC5D@3f9y.mdd>
Source record: 261155
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3hufoo$l0g@eugene.convex.com> horak@convex.com (David Horak) writes:
>From: horak@convex.com (David Horak)
>Subject: Re: Technical info on YUPI 7100 please
>Date: 15 Feb 1995 21:11:20 -0600

>In <346807641wnr@nance.demon.co.uk> Marcum@nance.demon.co.uk ("Marcum N. Nance
>III") writes:

>>I am looking for some detailed information on my YUPI 7100 like:
>>Is there front end filtering, what kind, how wide
>>what are the IF frequencies the local oscillator frequencies
>>is it high side or lo side injection?
>>Is it direct conversion or double or triple hetrodyned.

Some other, more crucial 7100 questions:

Is it legal to buy any version of the 7100 in the US?
Is it possible to import one legally from another country?

What laws are you in violation of (if any) if you buy/import a 7100 in
the US?

2285. Re: New 25 channel Cordless Allocations

Newsgroup: rec.radio.scanner
Date: 1995-02-16 04:32:12 UTC
From: steven@sgb.oau.org
Message-ID: <D42sLq.JnK@sgb.oau.org>
Source record: 261156

David Horak (horak@convex.com) wrote:

: ********** New 43-49MHz Cordless Phone Allocations **********

: NOTE: Channels 16 through 25 are identical to the old 10 channel system.

Thank you! New question, has anyone actually *seen* or *heard* and phones using the new extra frequencies? Right now, its easy to do a 46.61 to 46.97 mhz search, with the new ones, I need to allocate 25 channels to make sure I catch all. I guess including the kiddie talkies, that's 30, and thrown in 10 for fast feed and department stores and I just filled another 40 channels.

I'd love to know which models of phones support the added 15.

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@iag.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2286. Border Patrol Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 04:35:07 UTC
From: steven@sgb.oau.org
Message-ID: <D42sqK.JoM@sgb.oau.org>
Source record: 261157

Does any one know the border patrol frequencies?

(Psss, I have these illegals, they are going to fly in from mars, and I know there is a border patrol office 10 miles from me, I have seen the vehicles - I want my martian pals to be able to listen to them when they land!)

Seriously, please e-mail if you know...

Thanks,

Steven
--
Steven G. Bradley | The Forest City Exchange | sbradley@netcom.com
System Administrator | Forest City, Florida | steven@iag.net
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2287. TR-2400 owners...

Newsgroup: rec.radio.scanner
Date: 1995-02-16 04:54:24 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3hulq0$ij9@tiger1.ocs.lsu.edu>
Source record: 261158

While messing around with my Trident TR-2400 scanner,
I found a couple of interesting things. Maybe you could
help me figure out what they mean...

My notation:

USER: this is they key sequence the user inputs to the TR-2400
DISPLAY: this is what the TR-2400 puts up on the display in
response to the users commands, actual display in "".
key1 , key2 means hit key1 then key2

1) USER: PROG , MODE , ENT
DISPLAY: goes blank then flashes "CH.Err"
USER: SCAN (before unit goes back into manual mode (ch.000))
DISPLAY: (may differ on unit) "868 ch CH.Err" (even if there
is something programmed in ch 868)
DISPLAY: unit then goes into a manual mode where there is no
frequency present, but the signal meter reads full.
But the distinctive part of the display is "TRX"
that appears right above the up/down arrows on the
left side of the display.

2) USER: while holding down 2ndF hit STEP
DISPLAY: the word "TONE" will appear between the
"PROG" and "DELAY" markers at the top of
the display.It doesn't seem to have anything
to do w/ the keypad beep.

I don't know what any of this means, if anything. But possibly,
they could lead to a software hack to reclaim the cellular
channels. But I can't think of what "TRX" might mean.
Please let me know what you think...
Dave

2288. Maryland State Police Freqs (MSP)

Newsgroup: rec.radio.scanner
Date: 1995-02-16 05:09:19 UTC
From: SteveS@clark.net
Message-ID: <3humlv$2mr@clarknet.clark.net>
Source record: 261159

MSP frequency plan as of 2/95. Additional frequencies were reassigned from Baltimore County PD when they went trunked.

Maryland State Police (Note Barrack Q-College Park has re-opened):
Chan Freq Barrack
****
B10 39.04 Glen Burnie Barrack P
A11 39.06 Waldorf Barrack H
A3 39.08 McHenry Barrack W
A12 39.08 Leonardtown Barrack T
A1 39.10 Pikesville HQ
B9 39.14 Annapolis Barrack J
A4 39.24 Cumberland Barrack C
B4 39.24 Pikesville HQ
B13 39.24 Perryville Barrack M
A2 39.26 College Park Barrack Q
A13 39.28 Prince Frederick Barrack U
A10 39.30 Forrestville Barrack L
A9 39.32 Rockville Barrack N
A5 39.34 Hagerstown Barrack O
B15 39.34 Pikesville HQ
A6 39.40 Frederick Barrack B
A8 39.42 Waterloo Barrack A
B14 39.44 Golden Ring Barrack R
A7 39.52 Westminster Barrack G
B5 39.60 Berlin Barrack V
B16 39.62 Pikesville HQ
B6 39.78 Salisbury Barrack E
B8 39.80 Centreville Barrack S
B11 39.84 North East Barrack F
B12 39.92 Bel Air Barrack D
B7 39.96 Easton Barrack I

2289. scanner freq. for Wichita, Ks.

Newsgroup: rec.radio.scanner
Date: 1995-02-16 06:34:55 UTC
From: lynnmatic@aol.com
Message-ID: <3hurmf$f7r@newsbf02.news.aol.com>
Source record: 261160

Is there a resource for downloading scanner freq. for the Wichita, Ks.
area?

2290. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-16 09:03:07 UTC
From: matt@ua.nsw.ac.uk
Message-ID: <matt.10.00090D96@ua.nsw.ac.uk>
Source record: 261170
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <UNxFlKV1IVdL079yn@powertech.no> halvorj@powertech.no (Halvor R Johansen)
writes:
>From: halvorj@powertech.no (Halvor R Johansen)
>Subject: Re: PROPOSAL: alt.radio.scanner.uk
>Date: 14 Feb 1995 12:08:56 +0100

>In article <3h97as$89m$1@adelaide.DIALix.oz.au>,
>matthew@adelaide.DIALix.oz.au (Matthew Volkmer) wrote:
>> RE: alt.radio.scanner.uk
>>
>>
>>
>> I VOTE for this one!
>>
>>
>> It would be good to see scanning from another area than USA.

>I also want something closer to home than alt.radio.scanner is today. I
>didn't see the initiating posting for this thread, but why not something more
>inclusive, i.e. alt.radio.scanner.europe.

>I VOTE for alt.radio.scanner.uk, nonetheless.

>_________________

> Halvor Raknes Johansen, RN Oslo, Norway
> Finger me for PGP key! www: http://www.powertech.no/~halvorj/

I'd just like to know what all the fuss is about. It's not as if this is a
high volume/noise newsgroup. As long as things get crossposted there isn't
a problem, but what about the sites that don't even get some of the
alt. groups (yes, mine included. I didn't even know there *was* an
alt.radio.scanner until it was mentioned here onw rec.radio.scanner)

Matt

2291. Need Mods for Regency R1070

Newsgroup: rec.radio.scanner
Date: 1995-02-16 11:55:10 UTC
From: csc0ccb@cabell.vcu.edu
Message-ID: <3hveeu$mpt@cabell.vcu.edu>
Source record: 261161

I have an old Regency model R1070 10 channel scanner that I would like to mod if possible.

If any one has any info please let me know.

Thanks,
Sonny

2292. FS: Pro-39, Full 800 Mhz Coverage

Newsgroup: rec.radio.scanner
Date: 1995-02-16 13:40:29 UTC
From: domonkos@access.digex.net
Message-ID: <JKrGliubG27E079yn@access.digex.net>
Source record: 261162

For Sale: Pro-39, 6 months old, excellent condition, not a scratch on unit. Already modified for full 800 Mhz unrestricted coverage. Original box, manual, soft protective carrying case w/belt loop.

$150 and I'll pay shipping CONUS.

Andy

2293. Need Help: Tuning BC 855XLT ?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 13:47:21 UTC
From: robbino@primenet.com
Message-ID: <robbino.3.000545F4@primenet.com>
Source record: 261175

I am new to this newsgroup, so please bear with me.

I have a BC 855XLT scanner that seems to have lost some of its ability to receive frequencies. I am not able to receive the frequencies that I was once able to.

Is there some way to tune this scanner? . . . to make it more sensitive?

Thanks.

e-mail robbino@primenet.com

2294. SATCOM

Newsgroup: rec.radio.scanner
Date: 1995-02-16 13:48:28 UTC
From: julian@kesteven.win-uk.net
Message-ID: <539@kesteven.win-uk.net>
Source record: 261163

Hi folks,

I recently mailed the poster of an article on this subject,
asking for a copy of his freq list, now it looks like we'd have more
luck bringing it back into the newsgroup, so here goes.

==========

REPLY-TO: NCarrigan@aol.com
****
Julian,

Sorry - I'd love to fill your request, but for some reason, AOL will not
let me send a file through e-mail to someone on the internet -- only to
other AOL members... that seems really stupid, but for some reason they won't
let me. I'd put it up on the newsgroup, but I don't know how to do that
either. If you know how, let me know...

Nick

.....

REPLY-TO: NCarrigan@aol.com
****
Oh, btw, SATCOM is a military satellite system that is operated by all US
military agencies. It consists of 4 satellites that at most times operate
un-scrambled. Now, obviously, during some war-time or highly secret mission,
all comms are scrambled... but there are some general broadcasts that are put
out to ships, aircraft, etc... If you've ever heard of an EAM (emergency
action message) ... it's very similar to that. Sort of a world-wide
messaging system. It's operated in the 250-265 Mhz range... I'm trying to
find out if the signals are FM/AM or AM SSB. So far, I haven't any luck. I
think they're AM SSB transmissions, but I can't confirm that.

Just in case you're getting excited, it does take a lot of equipment to
get these signals. A really good outside antenna (such as a beam) with a
preamp, and then obviously a descent radio. If I'm right about the SSB
part, then most scanners like the 2004/5/6 can't get them, without setting up
the 455 khz interface to a shortwave radio.

Nick

.....

REPLY-TO: julian@kesteven.win-uk.net

Thanks for trying, Nick, I've had no experiece of AOL, so I can't
help you. I suggest you ask this question in the newsgroup.
someone should have an idea. Anyway, thanks also for explaining

which signals you were referring to. I have a list of those frequencies, split between AFSATCOM, MARISAT, FLTSATCOM F1, FLTSATCOM F2, and FLTSATCOM F3. All transmission modes are give as narrowbad FM. If, as you say there are only 4 satellites, then maybe MARISAT is used for a different purpose. Any ideas? The MARISAT listing I have gives 21 channels, with a pair of frequencies for each. I guess one is uplink and one downlink. The MARISAT frequencies I have are:

Sat Channel downlink? uplink? step mode

MARISAT 1-21 248.850-249.35 302.450-303.050 25kHz NFM

Do you think it's worth transferring this discussion to the newsgroup, to get a wider viewpoint? I CAN transfer files both to email and usenet, so I can transfer all this to the newsgroup if you wish.

Regards,
Julian.

.....

REPLY-TO: NCarrigan@aol.com
****
Sure if you want, be my guest. I'm referring to the FLTSATCOM stuff
mainly. I haven't the slightest idea what the other one is you mentioned.
Is that a foreign military satellite?

Nick
==========

well, everyone,

that's it so far, firstly, can anyone tell Nick how to mail or post files through AOL?

also, please feel free to post any info on AFSATCOM, FLTSATCOM and MARISAT (whatever that is!). anyone know their orbital details (geosync? heliosync? hi-eliptic?).

Regards,
Julian.

2295. AR8000 cellular warning

Newsgroup: rec.radio.scanner
Date: 1995-02-16 14:06:20 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3hvm4s$grr@sparc.occ.uky.edu>
Source record: 261176

Be careful while using your AR8000 in the area of 1426 MHz. You may
inadvertantly hear cellular conversations, in violation of FCC regulations.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

2296. Med frequencies...

Newsgroup: rec.radio.scanner
Date: 1995-02-16 14:51:00 UTC
From: dave.milsted@compudata.com
Message-ID: <8A3A28B.02F50033EF.uuout@compudata.com>
Source record: 261179

```
*> If they use a repeater, why do I have to be close to the mobile?
*> I'll just listen to the repeater output, right?
*> Am I missing something?

Even the repeaters are very low powered. There are many antennas around
that pick up the signal so the hospital can receive it.

--+--
.O. Dave

InterNet: dave.milsted@compudata.com

---
* RM 1.3 01622 * I'm leaving my body to science fiction!
```

2297. Radio Shack cell phone

Newsgroup: rec.radio.scanner
Date: 1995-02-16 15:21:19 UTC
From: palermo@pegasus.rutgers.edu
Message-ID: <3hvqhf$ca8@pegasus.rutgers.edu>
Source record: 261164

I recently aquired a RS transportable cell phone, circa 1986. Is there any way to put this in operation and "scan" the cell phone freqs? The phone will turn on, but since it is not activated, it displays no service. I heard there was keyboard commands to enable it to scan/monitor cell channels. Any suggestions or advice will be of great help.

Thanks

2298. GP-300 -- Found the frequency :-)

Newsgroup: rec.radio.scanner
Date: 1995-02-16 15:39:48 UTC
From: sternk@alumni.cs.colorado.edu
Message-ID: <3hvrk4$sia@csnews.cs.Colorado.EDU>
Source record: 261165

To all those who responded to my request for information on the Motorola GP-300 radio and its possible frequency range, thank you. I found the frequency for their Channel 1 (469.0125MHz).

I was starting to despair as I approached 470MHz in my search but it finally paid off. :-)

They've just installed a new card access security system in my building. I now know just how well it is really working (not).

Along the way I also found the frequencies for some of the bicycle couriers around here; something else I've been wondering about.

Again, thanks for all the help. I'd have been seriously lost without it.

~Ken

2299. Re: VHF-FM uTrans Schematics?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 16:16:23 UTC
From: Robert Scott <Robert.Scott@ncl.ac.uk>
Message-ID: <3hvton$5qh@whitbeck.ncl.ac.uk>
Source record: 261166
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.scanner,sci.electronics

Jon Badger (jbadger@poplar110.cray.com) wrote:

> Would anyone happen to have a schematic for a low power VHF-FM micro
> transmitter? (Or know of a web/ftp site where I could find one?)

> Thanks-in-advance.

I have a few - how small, how low power, stereo? bug?

Rob.

2300. BC 890 Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-16 16:31:44 UTC
From: anubis@luxor.csuohio.edu
Message-ID: <1995Feb16.163144.23689@news.csuohio.edu>
Source record: 261167

Sorry about my earlier posting... I was wrong. Bearcat does not make a 980 ... I really should restate this: Does anybody know of any mods for the Bearcat 890?

Thanks to the folks that corrected me......

-greg

2301. PRO 37 vs Bearcat 200XLT

Newsgroup: rec.radio.scanner
Date: 1995-02-16 16:39:59 UTC
From: palermo@pegasus.rutgers.edu
Message-ID: <3hvv4v$mrq@pegasus.rutgers.edu>
Source record: 261168

I have a choice of aquiring a BC 200XLT or a PRO-37. It's not a question of

$, since I can trade my 200 for the 37. My question is: which scanner

is the best choice, feature wise and opinion wise. I know the 200XLT has

better audio output, but other from that, should I take the 37?

Thanks for any help or advice.

2302. BC890 Mods.

Newsgroup: rec.radio.scanner
Date: 1995-02-16 16:54:54 UTC
From: anubis@luxor.csuohio.edu
Message-ID: <1995Feb16.165454.24392@news.csuohio.edu>
Source record: 261169

Sorry about my confusion - I do mean the Bearcat 890.
I want to thank those that corrected me...

So - Does anybody know of any mods for the BC-890??

2303. Motorola Port. Wanted

Newsgroup: rec.radio.scanner
Date: 1995-02-16 17:40:02 UTC
From: richard.baxter@informal.com
Message-ID: <9502171058551008@informal.com>
Source record: 261171

Anyone having a used Motorola VHF portable for sale please don't hesitate to drop me an Email as I'm looking for an old Radius P 100 or similar frequency programmable unit. The charger and battery would be helpful also.

Thanks,

Richard

2304. Uniden Address/Phone Nr

Newsgroup: rec.radio.scanner
Date: 1995-02-16 17:51:13 UTC
From: Florian Brody <brody@newmedia.co.at>
Message-ID: <3i03ai$aet@c2.eunet.co.at>
Source record: 261178

we look for a telephone nr of UNIDEN either in US or Europe
... we lost the manual of a scanner

help appreciated

2305. Re: Remote Car Alarm Frequency/Mode?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 18:44:32 UTC
From: biddle_s@kosmos.wcc.govt.nz
Message-ID: <1995Feb16.184432.1@kosmos.wcc.govt.nz>
Source record: 261174

In article <1995Feb13.122748.1@aa.wl.com>, weinkar@aa.wl.com (Rich Weinkauf) writes:
> I have a Nissan Pathfinder with a remote alarm system (lock,
> unlock, and panic functions) operated from a small keychain
> transmitter.
>
> Does anyone know the frequency or frequencies and mode that
> these things work on?

Most car alarms these days operate fairly close to 300mhz AM. I can imagine
yours could be fairly close to that. Most garage door openers are also on
the same frequency.

>
--

| Steven Biddle - Wellington, New Zealand |
| Mail: biddle_s@kosmos.wcc.govt.nz |
| OR: sbiddle@aviate.welly.gen.nz |

2306. YUPITERU MVT-7000

Newsgroup: rec.radio.scanner
Date: 1995-02-16 18:49:14 UTC
From: ghor@internet-eireann.ie
Message-ID: <ghor.121.0022A13D@internet-eireann.ie>
Source record: 261115

Have just bought a s/h Yupiteru MVT 7000
- any mods etc to improve it ??

George

George H.O'Reilly, |
ghor@internet-eireann.ie | EI0CY %-/
|

2307. DTMF Decoders?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 19:34:40 UTC
From: seguine@sirius.com
Message-ID: <seguine-1602951134400001@slip220.sirius.com>
Source record: 261187
Cross-posted to: alt.2600,rec.radio.scanner

What is the best Touch Tone/Rotary Decoder? I'm looking for one that can be battery powered and hopefully has an RS232 out. The only one I've seen is the ToneMaster from motron electronics, its like $250 which seems pretty expensive for what the thing does.

.....C$
Christopher Seguine Sublime Films
seguine@sirius.com San Francisco, CA

2308. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-16 19:38:51 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Feb16.193851.596@news.csuohio.edu>
Source record: 261172

My two cents,

Just purchased an AR8000 from Lorenz Radio, up in Ontario
Canada. 514-392-9200. It has no gaps, and is on it's way.
The answer is yes, you can get a cellular capable scanner
in Canada. By the way, I talked to Mr. Helmut Lorenz
himself. Very helpful, very knowledgeable. No muss, no fuss.
Call them if you are serious about buying. They did not have
to modify the AR8000, they are actually selling the European
version. However, I will have to reprogram the channel
spacing to match FCC, not Europe's freq plan, since it's
not a US scanner.

My guess is that Radio Shack is distributing cell-blocked
scanners in Canada cuz it's easier for them, not because
Canada forbids it (which it apparently does not).

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2309. Re: AR8000 database

Newsgroup: rec.radio.scanner
Date: 1995-02-16 20:38:55 UTC
From: leoh@hardy.hdw.csd.harris.com
Message-ID: <3i0d4v$qgr@hawk.csd.harris.com>
Source record: 261188

In article <3ht1f6$jri@sparc.occ.uky.edu> jadantin@ndlc.occ.uky.edu (Jim Dantin) writes:
>I've posted a freeware database for the AR8000. The database is written
>in Microsoft Access 2.0 and requires that you have Access on your
>computer.

Jim:

There is apparently a "runtime" for access that would allow one without the
DB ... has anyone run seen this anywhere?

Leo Hinds

--
Leo.Hinds@mail.csd.harris.com Leo Hinds (305)973-5229
2101 W. Cypress Creek Rd. Ft. Lauderdale, FL 33309-1892

2310. WTB: AOR3000A

Newsgroup: rec.radio.scanner
Date: 1995-02-16 21:00:17 UTC
From: opp@worldweb.net
Message-ID: <opp-1602951800170001@line107.worldweb.net>
Source record: 261191

I'm looking for a nice AOR 3000A with no gaps at a reasonable price.
Please e-mail with offers. Thanks.

--
And that's the way it was...

2311. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-16 22:26:27 UTC
From: bear@tigger.cs.colorado.edu
Message-ID: <3i0jej$af5@csnews.cs.Colorado.EDU>
Source record: 261186
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <3ht4fb$2qm@mrnews.mro.dec.com>,
Tom Randolph <randolph@est.enet.dec.com> wrote:
>
>Sure, there are obnoxious jerks among the ham radio community just as there are
>anywhere else. I've found them to be very much the minority, but they do tend
>to stand out.

That may be it; I had returned to the 'net after a long hiatus and
was looking for a practical thesis topic. As I was talking with some
people on the rec.ham.research (?) group about various topics including
packet radio the first codeless licenses were issued and I was *very*
turned off by the arrogance I saw. A few people defended them, but
many more comments were blanket condemnations.

The first article in this thread simply reinforced it, when someone
jumped on the codeless license test for not "randomizing answers."
(I agree the *questions* should be randomized, but I got the sense
that it the real issue was the test itself -- read: codeless tests.")

I've since adjusted how I interpret comments on the net. A couple
years of David Sternlight on sci.crypt does wonders. :-) Plus I've
gotten some very informative comments by e-mail, and am still trying
to consider all of the ramifications of this.

>Your comment above is quite ironic, given that packet radio networks were made
>a practical reality on the ham bands. At least now I know why amateurs put
>their own communications satellites in orbit - to make free long distance
>phone calls.

Packet radio networks are a good example of how the Ham Service should
function (in research, at least. I know there are other components.)
But that also illustrates the frustration I was feeling -- I was interested
and willing to help investigate things like compression with recovery
(since at the time there was no compression; there might be now), but
got hit with so-called experts who didn't care what I knew about Huffman
encoding or LZW compression since I couldn't do Morse (although I was
willing to learn), and a particularly lame media publication that said
packet stations with "blue phosphors" were the high end -- amber or green
weren't nearly as "good".

(I'm not making this up. Hopefully that reporter has since gone on to
a productive career as a fashion reporter.)

--
Bear Giles

bear@cs.colorado.edu/fsl.noaa.gov

2312. Re: Pro-43 Diode- TRASHED!

Newsgroup: rec.radio.scanner
Date: 1995-02-16 22:28:19 UTC
From: Mike40@ix.netcom.com
Message-ID: <3i0ji3$k6b@ixnews2.ix.netcom.com>
Source record: 261185

In <3hmqrj$rm1@newsbf02.news.aol.com> greg84@aol.com (GREG84) writes:

>
>Help!!
>While removing diode D4 for the cellular mod, I trashed the sucker
before
>I could put it in D3. Question: Is it worth the effort to find a
>replacement diode for the ext. band coverage? If so, any suggestions on
>where to look?
>My scanner is capable of the mod, but I hear that reception is so bad
that
>the effort may not be worth it.
> G.Harris
>

You can use a 1N914 or 1N4148 to replace the diode both are low level signal diodes and are available at Radio Shack PN 276-1122. They come in a pack of 10 for a whopping $1.19. Later Mike

2313. Snanner questions

Newsgroup: rec.radio.scanner
Date: 1995-02-17 00:31:45 UTC
From: prescott@novax.llnl.gov
Message-ID: <1995Feb16.163145.1@novax.llnl.gov>
Source record: 261177

More questions. I have just purchased a Pro-51 scanner. I have wanted a scanner for quite some time now and finally did something about it. Through reading some responses to questions, I was wondering what is the difference between the pro-51 and the 2006.

Thanks in advance

2314. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-17 01:20:39 UTC
From: torch@netcom.com
Message-ID: <torchD44EEF.FIu@netcom.com>
Source record: 261189
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

Bear Giles (bear@tigger.cs.colorado.edu) wrote:
: In article <D3Hznx.our@ns1.nodak.edu>,
: Allan Puzianowski <puzianow@plains.NoDak.edu> wrote:
: >
: >If hams continue with
: >this elitest attitude then the hobby will die.

: No, it will be replaced.

: Not every "young novice ham" is a young novice ham. When I went back
: to graduate school, I thought very hard about directing my research
: towards communications. From my previous college experience, an
: *advanced* license would have only required a little add'l study, and
: that would have been the regulations. I already knew 95% of the
: technical material in the study guide.

: But I looked around the ham groups, and decided there was no way
: I was going to support such arrogant airheads. This attitude of
: "I don't care *what* he knows if he can't do morse at 5 wpm" was
: obscene.

: I figure in a few more years the time will be ripe for a bunch of
: us to approach the FCC and ask for a chunk of the ham spectrum
: for a new ham service. One where morse code is optional, but just
: to keep the riff-raff out you'll be required to write a relational
: database in TI-82 code in 20 minutes. :-)

: Seriously, a reasonable question would be to "contrast and compare
: Limpel-Ziv and Huffman compression techniques."

: Considering the qualifications we'll be able to present (MS's and
: PhD's in EE, CS, communications, etc.) vs the so-called qualifications
: of the advanced ham communitity, our research focus vs. the public
: forum for bitching about these no-code licenses, etc., I think there's
: a good chance the FCC will agree.

: >And the commercial
: >interests will get the entire spectrum.

: Not necessarily. But the "new ham" service will probably be very
: unfriendly towards the existing ham service because we all have
: bitter memories about their elitist attitudes.

: --
: Bear Giles
: bear@cs.colorado.edu/fsl.noaa.gov

I don't care if you know Morse code or not, but what do any of these proposed exercises have to do with RADIO? I think that's where a lot of what you guys observe as "attitude" is coming from. There're people who get their licenses just so they can yak with people. They don't care how the science works, they just want to blab. No sweat. There's a radio service already in existence for those people. There are people who get licenses so they can use amateur radio like a telephone circuit to stay in touch with their SO. Ok. But they [I'm telling you I've heard em] don't even want to know "how it works". Hey, there's a big hunk of spectrum set aside for people who want to do that. I feel THAT is where the rub comes from. BTW, the compression exercise does have its application, now that I think of it, but so far not for AMATEUR radio, yet, anyhow. Cheers.
t

2315. Central NJ Scanner Net?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 03:41:56 UTC
From: infoline@aol.com
Message-ID: <3i15u4$r5s@newsbf02.news.aol.com>
Source record: 261190

Does anyone know of any Scanner Nets in the Central New Jersey Area.??

Todd Mc Govern
INFOLINE@AOL.COM

2316. NEED MODS for pro 49!!

Newsgroup: rec.radio.scanner
Date: 1995-02-17 04:25:00 UTC
From: mineer@nevada.edu
Message-ID: <3i18es$afc@news.nevada.edu>
Source record: 261180

Is there anyone out there that can tell me of any mods for a pro 49. Or if it can't be done please let me know that too.

Steve

2317. Re: WANTED: antenna for C

Newsgroup: rec.radio.scanner
Date: 1995-02-17 05:02:00 UTC
From: rocky.theoret@undiscovered.com
Message-ID: <8A3B002.15700017EF.uuout@undiscovered.com>
Source record: 261181

Just wondering if anybody has tried to use the antenna that is embedded in the car windshield. Any decent results, such as using a splitter ----- one lead to radio/stereo, the other to the scanner?

Worth the trouble of crawling under the dash to hook it up or no?
Maybe if I am going to crawl under the dash, I should buy a seperate scanner antenna? Any thoughts?

Thanks for any input.

Rocky Theoret

... I haven't lost my mind; it's backed up on tape somewhere!
___ Blue Wave/QWK v2.11

2318. For Sale Decoder Card

Newsgroup: rec.radio.scanner
Date: 1995-02-17 05:30:12 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950217002743.27092A-100000@umbc8.umbc.edu>
Source record: 261197

M -1000 decoder card as seen in the front pages of Popular Communications
paid $400.00 asking $225.00 postage paid. all manual and software included.
-G

2319. WARNING-Don't waist your time or money on ACE COMMUNICATIONS!

Newsgroup: rec.radio.scanner
Date: 1995-02-17 07:26:50 UTC
From: zobe@io.com
Message-ID: <3i1j3q$iok@illuminati.io.com>
Source record: 261192

I wish I would have taken up collecting stamps!

2320. Re: What is your dream scanner?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 11:15:14 UTC
From: cremer@delphi.com
Message-ID: <9502170616591.DLITE.cremer@delphi.com>
Source record: 261193

>Just would like an opinion from all scanner buffs. What is your dream scanner?
>

Hows about something with the specs of the AR8000 built to the form factor of a PCMCIA card. OS2 software for real time multi tasking and multithreading. (Windows 95 too, assuming it ever ships.)

Since I got my AR8000, I've been thinking about a feature I really wish it had, a temporary lockout button. There are a lot of services around here that I like to keep an ear on, but often become a drag to listen to. Ambulances going to the hospital only rarely carry critical patients. Most of the time they drone on and on with the vital signs of people who have bumped their heads or are "shook up" after an incident. The all points bulletin and intersystem channel once in a grand whilehas a hot chase on it that is near my neighborhood. Most of the time long annoucements have no interest to me and are not about anyting in my neck of the woods. It sure would be nice to push one button and have the reciever skip that channel for 15 seconds. If I pushed the button twice, it would lock the channel out for 30 seconds, etc. Some folks listen to their scanners with both hands on the machine and get real quick at pushing a bunch of buttons but I listen in my car and work vechile, locking out a channel is a one button deal but unlocking it a minute later is a pain in the ass. A lockout button with a countdown timer would be a godsend on the AR8000 and a lot of other scanners.

2321. Re: TR-2400 owners...

Newsgroup: rec.radio.scanner
Date: 1995-02-17 11:54:19 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <793022059snz@javiaton.demon.co.uk>
Source record: 261194
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3hulq0$ij9@tiger1.ocs.lsu.edu>
dbaker@tiger.lsu.edu "David B Baker" writes:

Hi David,

> 2) USER: while holding down 2ndF hit STEP
> DISPLAY: the word "TONE" will appear between the
> "PROG" and "DELAY" markers at the top of

An undocumented feature if you like. This will cause the radio to "HOLD"
when scanning.

When searching you can have "DELAY" or "HOLD" turned on but when
scanning you can only have "DELAY". If you want to scan but force the
radio to hold on the first channel activity press 2nd+step. It will not
resumme scanning until you force it to do so.

It only works with delay turned on so the display has to show both
"tone" and "delay" on the screen.

> the display.It doesn't seem to have anything
> to do w/ the keypad beep.

Nope it doesn't but if you want the beep turned off press 2nd.F + BANK.

You can also force it to start up in scan or manual mode when turned on.

For Scanning on power on press SCAN+ENT+ENT
For Manual on power up press MANUAL+ENT+ENT

> I don't know what any of this means, if anything. But possibly,
> they could lead to a software hack to reclaim the cellular

Sorry but no.

We have had to reset the CPU on several occasions as receivers have
locked up completely - nothing new on Nissei produced sets <sigh>.
You will find the reset proceedure on our URL - details
below.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation

```
| Compu$$erve: 100117,535 \-----------------------------------------|
| Internet : Clough@javiaton.demon.co.uk (Note missing "i" in Javiation !)|
\-------------------------------------------------------------------------/
```

2322. Re: Border Patrol Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 13:08:51 UTC
From: robert@eden.com
Message-ID: <3i2753$5q8@boris.eden.com>
Source record: 261204

```
Well start around 163.625 and go from there
163.650
163.675
163.700
163.725
163.750
163.775
etc
```

2323. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 13:55:39 UTC
From: lalee@freenet.vancouver.bc.ca
Message-ID: <3i29sr$sct@freenet.vancouver.bc.ca>
Source record: 261208

Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
: Just purchased an AR8000 from Lorenz Radio, up in Ontario
: Canada. 514-392-9200. It has no gaps, and is on it's way.
: The answer is yes, you can get a cellular capable scanner
: in Canada. By the way, I talked to Mr. Helmut Lorenz

That is also true out here in British Columbia... You can get a factory
modified Bearcat 200XLT...

--
+------------------------------+--+
Lawrence D. Lee	Transit won't be used by the masses
lalee@freenet.vancouver.bc.ca	until they offer more times and
Part-Time BCIT Student	coverage of the city.
Vancouver FreeNet Volunteer +--+
Vancouver, BC CANADA	#*# Oh Canada! Our home and native land
+------------------------------+--+

2324. Re: Monitoring USA Responce To Islamic Terrorist Attacks

Newsgroup: rec.radio.scanner
Date: 1995-02-17 14:11:23 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3i2aqb$s2h@tiger1.ocs.lsu.edu>
Source record: 261182

If something big is gonna happen, there's not a whole lot I can do about it.
But the disturbing thing about the messages I've read in this thread
is that some of the authors have some DESIRE for this to happen.
As in, it'll be so cool the hear how many AMERICAN corpses the EMS guys
pull from the burned out shell of some sporting arena, if that were a
target. How about a U.S. retaliatory strike on whomever we thought
responsible for the "arena blast"? Lotsa neat comms of soldiers going
into battle and dying while these guys sit on their asses listening to
it on the scanner.
Disasters ARE exciting in a strange way, but this thread looks like
a damned tailgate party.

Victor Healey (vhealey@crl.com) wrote:
: Try to record some of these when all hell breaks loose.

: You could transcript comms or post .au files.

: BTW Feb. is holy month to Muslims and it marks the crushing
: of Iraq by the UN Forces, a blow to Islam. Gotta get even to save face.
: Add to the additional loss of face by key leaders being on trial at this time.
: A real dynamite mix. literally!

: You might post the key freq. for others and I will convert them to
: files that automatically program the AR8000 for users to grab.

: Don Hayes <donhayes@delphi.com> wrote:
: >Yes...Your claims are correct. As you may know, the clowns that blew up the
: >World Trade Center in NYC are now on trial in NYC for that. They also just
: >captured the supposed ringleader in the bombing plot. According to the media,
: >Wall Street has been targeted for a "hit". Also, the feds reported that a large
: >quantity of propane was purchased in the Boston area recently,m but no one
: >knows where it went! They suspect that it would make one hell of a bomb.
: >If you live in the New York city area, I suggest you monitor the NYPD EMS freqs,
: >FBI, ATF, US Marshalls, and NYPD Citywide. I am going to start tomorrow morn.
: >Good luck, good listening...lets hope it's quiet and we just here normal comms.
: >I was fortunate enough to hear almost all of the comms during and after the
: >World
: >Trade Center bombing. That was terrific. I monitored the NYPD helis as they
: >landed on the Towers and as they repelled out of the copters onto the roof to
: >move the antennas for a landing zone., Good Comms.

2325. FS: IFR 1000S SPECTRUM ANL

Newsgroup: rec.radio.scanner
Date: 1995-02-17 14:22:04 UTC
From: pp002598@interramp.com
Message-ID: <NEWTNews.16407.793034774.pp002598@interramp.com>
Source record: 261183
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

For sale: IFR 1000S AM/FM Spectrum Anl. AM/FM AC/DC with manuals. Original owner. $2500.00. Will ship COD USA.

2326. Re: Border Patrol Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 14:39:34 UTC
From: horak@convex.com
Message-ID: <3i2cf6$120@eugene.convex.com>
Source record: 261184

In <3i2753$5q8@boris.eden.com> robert@eden.com (Robert Barker) writes:

>Well start around 163.625 and go from there

You'll find government stuff between 162 and 174, also between 406 and 420.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2327. GSM protocol

Newsgroup: rec.radio.scanner
Date: 1995-02-17 17:03:29 UTC
From: ott@anubis.kbfi.ee
Message-ID: <3i2kt1$gv1@horos.kbfi.ee>
Source record: 261199

Just interested - is there any source of information about a complete GSM cellular phone protocol in the Internet?

Regards,
oTT

2328. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 19:58:07 UTC
From: dretzik@uoguelph.ca
Message-ID: <3i2v4f$1l3@ccshst05.cs.uoguelph.ca>
Source record: 261209

Here in Guelph, Ontario, Canada, I caught the Shuttle at 148.865. I believe that this is VE3RCK from Waterloo, Ontario.

Dave

2329. Re: Detector vans

Newsgroup: rec.radio.scanner
Date: 1995-02-17 20:35:32 UTC
From: Tommy Forrest-KE4PYM <m_c_0003@frank.mtsu.edu>
Message-ID: <Pine.HPP.3.90.950217143317.24678A-100000@frank.mtsu.edu>
Source record: 261195

On Wed, 15 Feb 1995 an10276@anon.penet.fi wrote:

> I refer here mainly to handhelds, since you give the game away anyway if
> you have a large spikey aerial :-)
I have a Cellular Look-a-Like antenna for my mobile scanner, works
great! Its just a tad longer than the real thing. For home usage, I got
an antenna from RS (ack! i know, i know) that uses sucktion cups to stick
to the window. I cant tell the difference between the sucktion cup
antenna and the actual scanner antenna stuck up on the roof.
.02

"M_C_0003@FRANK.MTSU.EDU" - Tommy - KE4PYM
-or-
"FORREST_SU@ACAD1.MTSU.EDU"

2330. UK

Newsgroup: rec.radio.scanner
Date: 1995-02-17 21:26:00 UTC
From: steve.bainbridge@trans.jecsystems.com
Message-ID: <793150975.AA03506@glass.jecsystems.com>
Source record: 261206

Hi all
Is there a conference for us in the UK ?.
Its fascinating stuff in here but not a great help to us in
Great Britain.

Rgds

Steve

steve.bainbridge@trans.jecsystems.com

2331. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-17 21:30:37 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6431@rook.ukc.ac.uk>
Source record: 261196
Cross-posted to: alt.config,alt.radio.scanner,uk.misc,rec.radio.scanner

In article <3hq0eb$4nh@wimbledon.dcs.hull.ac.uk> Richard Gadsden
<C.R.Gadsden@poldept.hull.ac.uk> writes:
>> Whilst alt.radio.scanner and rec.radio.scanner are both very interesting
>> I feel a .uk would be advantagious to us in the UK.
>What about uk.radio.scanner ?

I would say, with only half a smiley, that the subgroup

rec.cellular.mods.legal.discussion.us

would leave rec.radio.scanner more interesting for the rest of us.....

2332. Re: State list

Newsgroup: rec.radio.scanner
Date: 1995-02-17 21:38:19 UTC
From: nolanv@cii3116-01.its.rpi.edu
Message-ID: <3i350b$fs3@usenet.rpi.edu>
Source record: 261198

It's illegal in NY, too. "...any motor vehicle equipped with a device capable of receiving radio frequencies allocated for police use" is the wording, I believe. Even if you don't have the scanner programmed for police, and even if it's a handheld in the car. The original purpose, I'm told, was to thwart burglars, etc. from monitoring and eluding police, etc....

2333. Re: DTMF Decoders?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 22:01:00 UTC
From: casioc@orplid.shnet.org
Message-ID: <5g5AXNU6lrB@p0092.orplid.shnet.org>
Source record: 261200
Cross-posted to: alt.2600,rec.radio.scanner

> What is the best Touch Tone/Rotary Decoder? I'm looking for one that
> can be battery powered and hopefully has an RS232 out. The only one I've
> seen is the ToneMaster from motron electronics, its like $250 which
> seems pretty expensive for what the thing does.

You could try getting an old, cheap USR 14.4, they can detect DTMF and
recognize them.

I think computer viruses should count as life ... I think it says something
about human nature that the only form of life we have created so far is
purely destructive. We've created life in our own image. --S.Hawking
----------[PGP Key available]----------

CrossPoint v3.02

2334. Washington, D.C. FREQS

Newsgroup: rec.radio.scanner
Date: 1995-02-17 23:36:24 UTC
From: knewman@traffic.uswnvg.com
Message-ID: <3i3bto$65@fred.uswnvg.com>
Source record: 261201

I will be visiting the Washington, D.C. area soon and want to take my scanner.
Does anyone know the frequencies in the city? Of particular interest are:

The Fire Department (dispatch, arson, engine & ladder companies)
DC Police (usual stuff, SWAT, whatever)
Park Police
Secret Service (?)
Other intersting listening that may be available

You can either e-mail me or post it, whatever is appropriate.
Thanks in advance

Kerry Newman
Who speaks for no one, not even me sometimes

2335. PRO-43 modifications with 3A4 date code . Is there such a thing ?

Newsgroup: rec.radio.scanner
Date: 1995-02-17 23:59:56 UTC
From: pdankbar@ionet.net
Message-ID: <3i3d9s$prv@ionews.ionet.net>
Source record: 261202

I just bought a PRO-43 from Radio shack back in November
and the the date of manufacture is 3A4. Reading the PRO-43 modifications
FAQ is shows this one cannot be modified. Anyone found out a way that
this could be done yet ?

Thanks,
Paul

2336. Radio shack pro 43 scanner for sale

Newsgroup: rec.radio.scanner
Date: 1995-02-18 00:33:17 UTC
From: brendagadd@aol.com
Message-ID: <3i3f8d$9ab@newsbf02.news.aol.com>
Source record: 261203

I have several Radio Shack Pro 43 scanners for sale. They are mint in box. $325.FCC ID #AA020-300 Manufactured before March 1994. Totally modifiable,

2337. Terrorist Plauge was Re: Monitoring USA Responce To Islamic Terrorist Attacks

Newsgroup: rec.radio.scanner
Date: 1995-02-18 02:15:56 UTC
From: vhealey@crl.com
Message-ID: <3i3ks8$hfv@nntp.crl.com>
Source record: 261205
Cross-posted to: rec.radio.scanner,sci.med

dbaker@tiger.lsu.edu (David B Baker) wrote:
>If something big is gonna happen, there's not a whole lot I can do about it.
>But the disturbing thing about the messages I've read in this thread
>is that some of the authors have some DESIRE for this to happen.
>As in, it'll be so cool the hear how many AMERICAN corpses the EMS guys
>pull from the burned out shell of some sporting arena, if that were a
>target. How about a U.S. retaliatory strike on whomever we thought
>responsible for the "arena blast"? Lotsa neat comms of soldiers going
>into battle and dying while these guys sit on their asses listening to
>it on the scanner.
>Disasters ARE exciting in a strange way, but this thread looks like
>a damned tailgate party.
>

May be not much of a tailgate party if the fanatics
unleash some of the new biological stuff Sadamm has stockpiled
according to UN report out this week.

Any Muslim willing to die for Allah in a car bombing can
be convinced that it would be even more desirable
to take out Satan's agents by carrying deadly
plague into any big USA city.

Imagine real cases of Eubbola or Martha or Black Plague breaking
out Feb. 26, 1995 all over the USA. Then all you have to do is monitor the
Med. frequencies to follow the effectiveness of the attack.

BTW I noted report said Sadamm is big on Anthrax, isn't that an animal
disease? How does that affect humans?

KI4JE

2338. Sound Card as a DTMF Decoder?f

Newsgroup: rec.radio.scanner
Date: 1995-02-18 05:54:02 UTC
From: Tommy Forrest-KE4PYM <m_c_0003@frank.mtsu.edu>
Message-ID: <Pine.HPP.3.90.950217235230.27371A-100000@frank.mtsu.edu>
Source record: 261207

Is there any software that will allow me to use my ProAudio Spectrum 16
card as a DTMF decoder? It has a line in jack. Any way to get the
software to decode the tones coming into that jack?? Email me if possible.
Thanks.

"M_C_0003@FRANK.MTSU.EDU" - Tommy - KE4PYM
-or-
"FORREST_SU@ACAD1.MTSU.EDU"

2339. Re: North York FD Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-18 14:22:19 UTC
From: mfenech@hookup.net
Message-ID: <mfenech.1.000E5FAE@hookup.net>
Source record: 261222

In article <D40C3I.54o@torfree.net> ba074@torfree.net (Marshall M. Shunk) writes:

>Does anyone know if the North York Fire Dept frequencies have changed?
>If so, can someone please let me know what the new frequencies are?

North York now uses an 800 MHz *conventional* (i.e. non-trunk) repeatered
system. Frequencies are as follows:

866.2625 Ch 1 Operations, Dispatch
866.7625 Ch 2 Fireground
867.2625 Ch 3 Fireground
867.7625 Ch 4 Fireground
867.9875 Ch 5 Fireground

Michael J. Fenech
Etobicoke, Ontario CANADA
mfenech@hookup.net

2340. -->> Booklet Authors Wanted <<--

Newsgroup: rec.radio.scanner
Date: 1995-02-18 16:43:41 UTC
From: fd@wwa.com
Message-ID: <3i583t$7iq@zacks.zacks.com>
Source record: 261210
Cross-posted to: alt.2600,alt.privacy,misc.writing,comp.org.eff.talk,rec.radio.scanner,alt.law-enforcement,alt.radio.pirate,alt.security,alt.zines,misc.survivalism

We're looking to expand the selection of booklets in our catalog. If you have something to say... something people want to hear... and would like it published in booklet form (40-80 pages, saddle stiched), and the topic is in the area of privacy, surveillance, computer security, technology, hacking or government....

Some of our current titles include:

Hacking: Frequently Asked Questions
The Scroungers Guide to Satellite TV
How to Spy on Anyone without Getting Caught
Directory of Electronic Surveillance Equipment Suppliers
Your SSN from Pension Provider to Privacy Penetrator
Privacy & GEMS
Remote Mind Control Technology
The Satellite Specialists Guide: Inside Secrets

Email me an outline. There is absolutely no cost to you, and you'd be paid a percentage of each sale. We'd prefer that your original be in plain ascii (emailable 60-110K). More details on this offer are also available on our web page:
http://ripco.com:8080/~glr/glt.html

Questions, comments, submissions... fd@wwa.com

--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email postal address to fd@wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?

2341. Whats New On AR8000 Site

Newsgroup: rec.radio.scanner
Date: 1995-02-18 17:35:58 UTC
From: vhealey@crl.com
Message-ID: <3i5ap8$oi8@nntp.crl.com>
Source record: 261212

Updating site, quick pointers to new info now.

URL
ftp://ftp.crl.com/users/ro/vhealey/www/whatsnew.htm

Looking for your contributions.

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) sites are now
ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

2342. Ski Patrol Frequencies??

Newsgroup: rec.radio.scanner
Date: 1995-02-18 17:51:57 UTC
From: rdavison@accessone.com
Message-ID: <3i5c3t$lda@pulm1.accessone.com>
Source record: 261211

Does anyone have a listing of the ski patrol frequencies at either/or Stevens Pass in Washington or Mount Bachelor in Oregon?

2343. AOR AR3000 computer interface

Newsgroup: rec.radio.scanner
Date: 1995-02-18 18:35:35 UTC
From: Roberto Salama <rs@tudor.com>
Message-ID: <D47KzC.Jty@tudor.com>
Source record: 261076

Does someone know if there is a more comprehensive list of commands
for controlling the ar3000 through a RS232 connection? For example,
you can set the frequency step increment, but there in no command
for telling it to start scanning. Also, the program that AOR sells for
a PC seems to record .wav files, and since the hardware requirements
call for only one com port, the ar3000 must be sending audio through
the RS232 connection.

Any help/pointers would be appreciated, as I am trying to write a
SUN/Motif based interface for the ar3000.

rs

2344. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-18 20:18:17 UTC
From: Will Asay <wasay@mail.utexas.edu>
Message-ID: <3i5km9$de0@geraldo.cc.utexas.edu>
Source record: 261078

In article <3hpas9$m02@ionews.io.org> Gleb Esman, gesman@io.org writes:
>>> That's the most ludicrous thing I've ever heard of. I've worked in
>>> hotels for seven years and have never heard of something so silly in
all
>>> my life. Why would a respectable hotel such as a Ramada want to do
such
>>> a thing? The cost of lost business if sucha thing was being done is
>>> more than enough reason not to do it.
>
This is not exactly a revelaton. 20/20 or Dateline, or one of the other
TV newsmagazines did a story about this last summer. They reported on a
bunch of Dunkin Donuts that were doing this. After the expose', corporate
management issued a statement saying the practice had been stopped.

2345. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-18 21:08:43 UTC
From: bk321@FreeNet.Carleton.CA
Message-ID: <D47s2J.6Hz@freenet.carleton.ca>
Source record: 261220

In a previous posting, Gleb Esman (gesman@io.org) writes:
> In article <3ho1oh$o0v@ionews.io.org>, Gleb Esman <gesman@io.org> wrote:
>>In article <D3utIn.3Jr@freenet.carleton.ca>,
>>Darrell A. Larose <ad607@FreeNet.Carleton.CA> wrote:
>>>In a previous posting, David May (davidmay@u.washington.edu) writes:
>>>> In an effort to get a scanner without the cell range blocked out, I was
>>>> wondering if I could buy the scanner in Canada. Are the cellular ranges blocked
>>>> from the Canadian models of the Uniden or Realistic scanners?
>>>
>>>The Shack stuff is blocked. It is not illegal to monitor cell in Canada, but
>>>shack only sells blocked scanners, because they sell cell phones.
>>
>>There is still some PRO-43 models in some RS stores in Toronto, which has
>>cell band available. Old stock? Of course RS employees don't have a clue
>>about scanners, so you have to be familiar with what you're looking for.
>
> Sorry, I mean cellular modifiable (instead "cell band available").
>

It _is_ illegal to monitor cell and to sell scanners capable of such in
Canada. Canada likes to follow the American lead wherever it can.

2346. Re: North York FD Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-18 21:33:51 UTC
From: jmckay@gold.interlog.com
Message-ID: <3i5p40$43t@steel.interlog.com>
Source record: 261221

Marshall M. Shunk (ba074@torfree.net) wrote:

: Does anyone know if the North York Fire Dept frequencies have changed?

Yes...they have installed an 800 Mhz system with 5 channels of repeaters
(but not trunked). They are in the 866 and 867 mhz range.

2347. AR8000 How to HACK (part 1)

Newsgroup: rec.radio.scanner
Date: 1995-02-19 00:01:03 UTC
From: vhealey@crl.com
Message-ID: <3i61b8$3q9@nntp.crl.com>
Source record: 261214
Cross-posted to: alt.radio.scanner,rec.radio.scanner

FYI

The file just mentioned is one of three posted today to
the www. The URL to find the AR8000 homepage
is ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

The other two files dealt with repairing LCD face when scratched
and an announcement of a key programer buying the AR8000.
More neat software coming down the pike for PC users.

73

Ki4je

2348. Re: PROPOSAL: alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-19 00:33:45 UTC
From: weasel@dfw.net
Message-ID: <3i63l9$h1s@fnord.dfw.net>
Source record: 261215
Cross-posted to: alt.config,alt.radio.scanner,uk.misc,rec.radio.scanner

: >> I feel a .uk would be advantagious to us in the UK.

: >What about uk.radio.scanner ?

: I would say, with only half a smiley, that the subgroup
: rec.cellular.mods.legal.discussion.us
: would leave rec.radio.scanner more interesting for the rest of us.....

Lets face it, there is not enough activity on this message base to
warrant a division. Best thing is to periodically (weekly perhaps)
publish the location of the scanner motification files FTP sites for
those needing info. Or a FAQ for scanner models/production codes and IF
they can be modified. When we get to 100+ messages a day then maybe we
should split...
Bill...

2349. DTMF 8087 not present message

Newsgroup: rec.radio.scanner
Date: 1995-02-19 00:42:43 UTC
From: bretb1@aol.com
Message-ID: <3i6463$ovj@newsbf02.news.aol.com>
Source record: 261216

I thought I downloaded a working copy of a DTMF program, but when I
try to run the program I get the "8087 not present" message. What gives?
I thought it might be because I didn't have a microphone hooked up to my
sound card. So I went out a bought one from RS, guess what! Same message.

2350. CRYSTALS FOR BEARCAT SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-02-19 01:37:35 UTC
From: rossl40555@aol.com
Message-ID: <3i67cv$pmh@newsbf02.news.aol.com>
Source record: 261217

This weekend I found an old Bearcat scanner at a hamfest. Now I just need to find someone who still makes the crystals. Does anyone have an phone numbers or ideas? Thanks in advance for your help

2351. DTMF? EXPLAIN PLEASE.

Newsgroup: rec.radio.scanner
Date: 1995-02-19 01:54:23 UTC
From: jaylgold@crl.com
Message-ID: <3i68cf$1d5@crl12.crl.com>
Source record: 261218

I am familiar somewhat with DTMF but I want to know if it will cut out some interference with other transmissions. ie. If I am listening to the San Francisco P.D. on 880.100 mhz and the radio is scanning, a taxi cab company will come blasting in on the channel. With DTMF set to SFPD will this prevent the Taxi from breaking the squelch on my scanner. If the SFPD is talking on the channel, it totally wipes out the taxi idiot so I can't hear him (good thing).

How does DTMF benefit. I am thinking about installing a DTMF decoder in my unit (optional equip) and before spending the 50 bucks I wanted to know if it is a worth while purchase.

Thanks,

JAY

```
*****************************************
GUN CONTROL IS BEING ABLE TO HIT YOUR TARGET
------- ------- ------ ----- -------
|___ | |_____| |____ |
| | | \ | |
| ___|___ | \ _____| |
S&W,RUGER,H&K,COLT,.38,.357,9MM,10MM,.40,.45
MINI14,30-30,.308,30-06,.22MAG,GOT EM ALL !!
jaylgold@crl.com The True Blue Knight
*****************************************
```

2352. ACE communications

Newsgroup: rec.radio.scanner
Date: 1995-02-19 02:14:13 UTC
From: dhughes@prairienet.org
Message-ID: <3i69hl$k0a@vixen.cso.uiuc.edu>
Source record: 261219

> What kind of experience did you have with them?
>Tony Kobylski

Tony, maybe I just got lucky but I ordered a mobile scanner from them maybe a year ago, and it came pronto. But the connecting cord did not fit the jack in the back of the radio. I telephoned them, explained the problem, and they sent me 4 or 5 other connecting cords right away. One (and only one) of them fit fine. Weird. ---Dan, N9XDK

--

2353. Pro 62 Military air mod?

Newsgroup: rec.radio.scanner
Date: 1995-02-19 03:24:56 UTC
From: maverick@csulb.edu
Message-ID: <3i6dm8$7es@garuda.csulb.edu>
Source record: 261082

Hello,

I was just wondering if anyone knew if there is a mod for the RS Pro 62
to recieve military air band (approx 200-400 MHz)?

I'm sorry if I'm not supposed to post mod questions here, please let me
know. Thanks for the help. Feel free to email me directly if you'd like.

2354. Pro 62 vs. Pro 43?

Newsgroup: rec.radio.scanner
Date: 1995-02-19 03:30:24 UTC
From: maverick@csulb.edu
Message-ID: <3i6e0g$7es@garuda.csulb.edu>
Source record: 261089

I just bought a RS Pro 62 and I was wondering what the differences between it and the RS Pro 43 are, besides the Pro 62 lacking military air band (approx 200-400 MHz)?

They look almost identical to me, the buttons as well as the functions. Are the internal electronics the same? Thanks for the advice. Feel free to email directly if you'd like.

2355. Goodyear_blimp

Newsgroup: rec.radio.scanner
Date: 1995-02-19 09:03:47 UTC
From: nobody@alpha.c2.org
Message-ID: <199502190900.BAA23292@infinity.c2.org>
Source record: 261223

GOODYEAR BLIMP FREQUENCIES --------------------------

By John (Topol) Johnson KWV8BP
Source: Monitoring Times

Here are a few frequencies you might want to monitor if you ever see one of the Goodyear Blimps fly overhead. A couple quick notes first, there are three Blimps in operation in North America a fourth is operated in Europe. The American blimps are stationed at three locations, one on each coast and one in-between. The Enterprise, tail number N1A, is based in Pompano Beach, Florida: the America, tail number N3A, is based near Houston, Texas and the Columbia, tail number N4A, is based in Los Angeles.
Each blimp is accompanied by a three vehicle ground fleet consisting of a van, a tractor-trailer, and a Greyhound-like bus.

The communications between the blimp and ground crew are normally held on 151.625 Mhz. The blimp also uses VHF aircraft band, communications can be monitored here at 132.00 Mhz. AM. Below is a list of other frequencies used by the blimp.

123.050 Common Blimp port frequency

123.250 Suffield (Ohio) Wingfoot Lake Facility

132.000 Goodyear Tire & Rubber Company channel

151.625 Blimp Operations NBFM

465.9125 Blimp Operations NBFM - Low Power

465.9375 Blimp Operations NBFM - Low Power

465.9625 Blimp Operations NBFM - Low Power

This file was brought to you by John Johnson KWV8BP of The Hotline, we offer many files and a bulletin area devoted to Scanner & Radio related topics. Stop in and give us a look...

The Hotline BBS 304-736-9169 or 304-743-7909

&&&&

2356. SS_freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-19 09:03:48 UTC
From: nobody@alpha.c2.org
Message-ID: <199502190900.BAA23307@infinity.c2.org>
Source record: 261224

SECRET SERVICE
White House Communications Agency
VHF/UHF Circuits

CHANNEL FREQUENCY USE
able 32.230 WHCA, DC area, Camp David link
baker 165.7875 Surveillance, DC F.O.
charlie 165.375 (165.9) Field Offices, WH Detail
delta 169.925 WH Messengers
echo 407.850 WHCA, AF1 r/t ground (uplink)
foxtrot 415.700 WHCA, AF1 r/t aircraft (downlink)
golf 166.400 Repeater rx
hotel 166.2125 WH Police
india 407.925 Treasury Guard Force
juliette 170.000 WHCA, Camp David Paging Systems
kilo 167.825 WHCA Staff, FBI
lima 168.7875 WHCA Staff
mike 165.2125 Ex-President Detail
november 167.025 WHCA, Press Office
oscar 164.8875 PPD
papa 164.400 PID
quebec 166.700 WHCA Key Staff
romeo Repeater (charlie out/golf in)
sierra 169.5125 WH Staff, Garage
tango 164.650 VPPD
victor 164.100 USSS, US Customs
xray 166.4625 Treasury Common
yankee 162.6875 WHCA, USSS AF1 r/t ground (uplink)
zulu 171.2875 WHCA, USSS AF1 r/t aircraft (downlink)

gray 407.750 WHCA, Presidential Intercom (primary)
white 407.675 WHCA, Presidential Intercom (secondary)

34.070 VP Staff
169.6125 State Department
164.750 Detroit F.O.
165.515 (166.490)
164.800 (165.870?) FAA, NPS, also
164.650 (166.640)
165.340
165.865 DC F.O.
406.425 Presidential Back-up
417.750 Presidential Back-up

one 414.950 PPD
two 414.675 PPD
three 414.850 PPD
four 414.975 PPD

46.700 NIGHTHAWK Helo's
46.750 NIGHTHAWK Helo's
375.000 WH Helipad Ops

407.425 WHCA, USSS Mobile CP
415.750 USSS Phone Patch Circuit
172.360 WH PBX
172.395 WH PBX
172.425 WH PBX
162.850 WH Ops
165.925 WH Ops

406.000 USSS
407.850 USSS
415.450 USSS
415.700 USSS
415.950 USSS
406.250 USSS

Escort Radio Configuration

1 Charlie
2 Baker
3 Mike
4 Tango
5 Oscar

Secondary Repeaters

163.365 165.860
163.400 166.340
163.815 166.615
164.800 168.220
165.515 168.400
165.675 168.450
165.685 168.575
&&&&

2357. CID

Newsgroup: rec.radio.scanner
Date: 1995-02-19 10:35:49 UTC
From: an10276@anon.penet.fi
Message-ID: <104409Z19021995@anon.penet.fi>
Source record: 261075

In The Bill, sometimes there are situations when Tosh and Carver are in different cars about to raid a place, and they communicate using walkie-talkies with stubby aerials.

What sort of frequencies would these be in real life, and would it be possible to receive them if you were not in the immediate vicinity?

Still on police, sometimes the base and cars are heard on the same frequency, but I thought the bases were almost always split. I don't think this is talkthrough, since I have heard that and it is somewhat different. With this, the base keys up, and sometimes goes quiet but remains keyed up, and then the mobile comes in and talks over the top - there is no heterodyning though, this being FM, but one might expect the base to show the capture effect and block out the mobile......

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2358. Re: -->> Booklet Authors Wanted <<--

Newsgroup: rec.radio.scanner
Date: 1995-02-19 13:07:50 UTC
From: dborowsk@netcom.com
Message-ID: <dborowskD490H2.CE3@netcom.com>
Source record: 261091
Cross-posted to: alt.2600,alt.privacy,misc.writing,comp.org.eff.talk,rec.radio.scanner,alt.law-enforcement,alt.radio.pirate,alt.security,alt.zines,misc.survivalism

Glen L. Roberts (fd@wwa.com) wrote:

: We're looking to expand the selection of booklets in our catalog. If you
: have something to say... something people want to hear... and would like it
: published in booklet form (40-80 pages, saddle stiched), and the topic
: is in the area of privacy, surveillance, computer security, technology,
: hacking or government....

: Some of our current titles include:

: Hacking: Frequently Asked Questions
: The Scroungers Guide to Satellite TV
: How to Spy on Anyone without Getting Caught
: Directory of Electronic Surveillance Equipment Suppliers
: Your SSN from Pension Provider to Privacy Penetrator
: Privacy & GEMS
: Remote Mind Control Technology
: The Satellite Specialists Guide: Inside Secrets

[covertly snipped]

How about "How To Get Beautiful Women To Not Hate You"
"Easy Home Based Penis Enlargement"
"So You Wanna' Be a Brain Surgeon?"
"Make Money selling Your Brother's Blood"

--

Dave Borowski dborowsk@netcom.com

2359. PRO-2037 modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-19 15:41:11 UTC
From: gterpin@ivsfs.nw.att.com
Message-ID: <D497Kn.26A@nntpa.cb.att.com>
Source record: 261077
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Rat-Shack currently has the PRO-2037 on sale for $250. I have the feeling that since it's a new model it might have been neutered. Any ideas? I've accessed the "OAKLAND" ftp site for mod info and did not see anything available for this model. Is this model worth considering? Just wondering...

Greg
gterpin@ivs.nw.att.com

2360. Re: PRO-2037 modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-02-19 16:43:35 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3i7sfn$3hl$2@mhade.production.compuserve.com>
Source record: 261079
Cross-posted to: alt.radio.scanner,rec.radio.scanner

No cell mod for that scanner. It's the base version of the Pro62; that is,
it is a very good scanner but you ain't going to restore cellular or mil air
or magically increase its channels to 2000.

2361. Do US scanners work in Australia?

Newsgroup: rec.radio.scanner
Date: 1995-02-19 16:48:53 UTC
From: lubecke@tumbler-ridge.caltech.edu
Message-ID: <3i7spl$b3s@gap.cco.caltech.edu>
Source record: 261080
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anybody know if a scanner made for the USA (particularly the Radio Shack Pro62) is of any use in Australia. Is the coverage and frequency step-size correct or at least close enough? Any info would be appreciated.

Thanks,

Victor Lubecke
116-81 Caltech
Pasadena, CA 91125
lubecke@tumbler-ridge.caltech.edu

2362. antenna

Newsgroup: rec.radio.scanner
Date: 1995-02-19 17:02:17 UTC
From: JSE@delphi.com
Message-ID: <3i7tip$heo@news1.delphi.com>
Source record: 261081

Quoting ryr28fan from a message in rec.radio.scanner
ry>Im in the military and live in a dorm on base. I want to use an
ry>antenna other than the rubber duck that i got with my 200xlt but i
ry>cant do anything permanent ar put anything outside my dorm room (ie
ry>window ledge, roof, etc) any suggestions would be welcome

This is a VERY LOW TECH answer (my experiences have shown me that,
with antennae, trial-&-error is worth MUCH more than formula-design)...

I replaced my original rubber-ducky with a 3-foot telescoping metal
antenna (being discontinued by Radio Shack) which closes to 4". The
reception difference is incredible! In fact, the ducky is almost like
no antenna at all.

Then I mounted a permanent 8-band vertical on the roof of my house.
Reception was improved, but not as much as anticipated. So, I climbed
onto the roof with the scanner in hand, and with both portable
antennae also.

I found that the roof antenna was better only because it was higher.
My 3-foot telescoping antenna was just as effective, while I was up
on the roof with it.

So, my personal ANTENNA-TRUTHS-OF-LIFE book says: most importantly,
put it as high-up as possible (roof? ceiling? closet ceiling?) and
keep the wire between the antenna and the radio as short as possible;
secondly, give yourself the cheapest method of trying as many
variations as possible (maybe an antenna-connector fitted to alligator
clips?). Then, spend an evening experimenting. a 10-foot piece of
wire may give you better reception than an expensive commercial unit.

For transmitting, a specially-designed, perfectly-tuned, antenna is
imperative! But for receiving, it just ain't so! This is MY humble
experience.
jse
jse@delphi.com

2363. Re: AR8000 & cellular

Newsgroup: rec.radio.scanner
Date: 1995-02-19 20:36:48 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3i8a50$6ds@nntp.crl.com>
Source record: 261083

> As a followup to my previous warning concerning inadvertantly receiving
> cellular telephone calls on the AR8000 . . .
>
> when scanning frequencies above 1420 MHz, be sure to avoid the 1420.935
> to 1440.885 region using a +30 offset step, otherwise you might hear
> something illegal.
>
>
Jim I realized that I better hit the pass key when I programmed the 30 k step
in that region and DARN IT
The radio didn't skip those frequencies but it stopped on every cell phone
conversation exactly! Apparently the PASS key when it is hit
while proggraming a step OFFSETS the frequnecy so it follows
the images exactly instead of skipping them.

Guess I better read the manual to find out why? <G>

Ki4je
I didn't listen.

2364. Re: Damn pagers [cell base power]

Newsgroup: rec.radio.scanner
Date: 1995-02-19 20:39:58 UTC
From: ckalmar@slopok.cca.rockwell.com
Message-ID: <D49LEn.Apu@lazrus.cca.rockwell.com>
Source record: 261084

Cellphone base stations run 100 watts ERP with 20 watt radio
transmission
power even if the phone is 1 block away at min power, because
of intermod in PA's and because other channels may run full power
There is no spec for anything but full power from the base station.

2365. Re: Do US scanners work in Australia?

Newsgroup: rec.radio.scanner
Date: 1995-02-19 20:42:29 UTC
From: Victor Healey Ki4je <vhealey@crl.com>
Message-ID: <3i8afl$76a@nntp.crl.com>
Source record: 261085
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>
Why not as ling as you didn't buy uniden.. they all came
from Japan.

Ki4je

2366. UK SCANNERS USERS READ THIS

Newsgroup: rec.radio.scanner
Date: 1995-02-19 22:27:46 UTC
From: paul@termcon.demon.co.uk
Message-ID: <468398827wnr@termcon.demon.co.uk>
Source record: 261086
Cross-posted to: alt.radio.scanner,rec.radio.scanner,uk.radio.amateur

Hi All,

About four weeks ago I proposed a new alt group, alt.radio.scanner.uk
also I asked any uk scanner users to contact me to form a mailing list,
so far I've had 82 replies, I'm sure there must be more than 82
internet users in the UK you have a scanner.

So If you use a scanner and would like to be included and haven't
already contacted me the email me on:-

PAUL@TERMCON.DEMON.CO.UK

UK SCANNER MAILING LIST
--
Paul Jones
Email:paul@termcon.demon.co.uk PGP2.6 Key Available on Request

2367. Re: EEB'S Mast Mount Pre-Amp MMP100 ???

Newsgroup: rec.radio.scanner
Date: 1995-02-19 22:45:07 UTC
From: robertso@bev.net
Message-ID: <3i8hlj$kn2@solaris.cc.vt.edu>
Source record: 261087

In article <3i4ojf$l92@homer.alpha.net>, dfleming@earth.execpc.com (Dan Fleming) says:
>
>Robert Brown jr (AUWZ96A@prodigy.com) wrote:
>: Has anyone had any experience with this product and how has it performed?

I imagine, like other preamps that I've seen that there would only
be a noticiable improvement on those weak or marginal signals.

Living in a dense metropolitan area what are you aiming your high
gain antenna at? Millwaukee ? Indianapolis?

2368. Re: Bearcat 760 hidden feature

Newsgroup: rec.radio.scanner
Date: 1995-02-19 22:58:10 UTC
From: robertso@bev.net
Message-ID: <3i8ie2$kn2@solaris.cc.vt.edu>
Source record: 261088

In article <3i42nc$enl@steel.interlog.com>, Ron Katz <ronkatz@interlog.com> says:

>To unlock all the channels you locked out just press and hold the lockout
>button until you hear 3 beeps!! it takes about 2 or 3 seconds.
>
>Know does anyone know how to erase a channel on the 760 so that it reads
>000.000 mhz ????

The free all lock outs worked on the RS 2026 (very similar to 760) thanks

to get 000.000 mhz. key strokes as follows manual, number (channel #),

manual,program,0,enter. On the 2026 hope it works on the 760.

2369. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-20 00:41:37 UTC
From: rwilkins@ccnet.com
Message-ID: <3i8og1$8rq@ccnet3.ccnet.com>
Source record: 261090
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

torch@netcom.com recently wrote in <torchD44EEF.FIu@netcom.com>:
: Bear Giles (bear@tigger.cs.colorado.edu) wrote:
: : In article <D3Hznx.our@ns1.nodak.edu>,
: : Allan Puzianowski <puzianow@plains.NoDak.edu> wrote:
: : >
: : >If hams continue with
: : >this elitest attitude then the hobby will die.

: : No, it will be replaced.

[snip]
: licenses so they can use amateur radio like a telephone circuit to stay
: in touch with their SO. Ok. But they [I'm telling you I've heard em]
: don't even want to know "how it works". Hey, there's a big hunk of
: spectrum set aside for people who want to do that. I feel THAT is where
: the rub comes from. BTW, the compression exercise does have its
: application, now that I think of it, but so far not for AMATEUR radio,
: yet, anyhow. Cheers.

These compression systems do and will apply to amateur radio. The band width through the sattelite transponders is not unlimited. The 2300 Mhz band is finite. Not everyone will want to use the 2meter band to send 1200 bd low speed data across the continents. Real amateurs will want to get their T1 connections across town and will need the new digital radio techniques to accomplish their goals. When the 2meter band fills up, the new amateurs will use digital techniques to put 3 repeaters in the space of the old fm repeater. Yes the cellular folks have already figured this out with the TDMA system. This is not really a private system, just a way of getting three times the use.

Don't let the code-war flamers get to you, they are a dieing breed. You rarely run in to them on the air as they are too busy defending their old technology here on this net ;-) When was the last time you saw a real hacker post some inteligence to alt.2600 or any of its varients...

Do get the new amateur licence, you don't need the old Morse code, but knowing the new digital codes will enhance your position with those who know.....We need you to help design the CDMA systems for 2300 MHz.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

2370. Re: Med frequencies...

Newsgroup: rec.radio.scanner
Date: 1995-02-20 03:53:59 UTC
From: gt7102d@prism.gatech.edu
Message-ID: <3i93on$fu8@acmey.gatech.edu>
Source record: 261092

Dave Shaffer (DCS4@psuvm.psu.edu) wrote:
: I have entered two banks of medical frequencies in my scanner

: The first group begins at 462.950 and increases in .025
: increments to 463.175. The second is exactly five MHZ higher,
: beginning at 467.950 and increasing in .025 increments to
: 468.175.

: Here in rural northcentral Pennsylvania, I hear ambulances
: dispatched on 462.950 and 462.975. I can hear both sides
: of the conversations on those frequencies. But I can't
: recall hearing anything else on the other frequencies.

: Every now and then I'll hear a mobile unit request and
: receive permission to communication with a hospital, and
: the dispatcher will say something like "Go ahead on Med 5"
: or some other number...but I neve hear anything else on
: any of those frequencies.

: How are those other frequencies used...both in theory and
: in actual application elsewhere? Is this partly a reception
: problem for me, or is there really likely to be very light
: traffic on those frequencies in this area?

: For that matter, some hospitals and ambulances in this region are
: still on 155.220 and 155.340. For whatever that is worth!

: Thanks for any insight anybody out there might be able to provide.

: - Dave

Down here in Atlanta, these frequencies are used as normal
hospital-ambulance traffic. Each hospital is assigned a certain
frequency, and the ambulance turns to whatever channel the hospital is on.
All of them are on repeaters.
--
Richard Wayne Clement (gt7102d@prism.gatech.edu)
37102 Ga. Tech Station, Atlanta, Ga. 30332
Amateur Radio: KD4UCB
CS

2371. Re: Standardized data files for computer controlled radios

Newsgroup: rec.radio.scanner
Date: 1995-02-20 06:17:16 UTC
From: bhicks@nmsu.edu
Message-ID: <3i9c5c$1rl@dns1.NMSU.Edu>
Source record: 261093
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Leo Hinds (leoh@hardy.hdw.csd.harris.com) wrote:

: As far as the ACCESS DB is concerned, why could we not use the basic DB
: capabilities of EXCEL? It does have basic DB capabilities, it (allegedly)
: uses the same VB as ACCESS, and better yet it is available for both MAC &PC?

My computer for radio is a 8088. I can't exactly run windows. Excel/Access
type data would do me no good. Dbase III or Foxpro data would be better.
Comma delimited info is best.

---
* Byron L. Hicks (505) 645-3297 bhicks@nmsu.edu *
* Engineering Technology Student New Mexico State University *
* Southwest Technology Development Institute Shortwave Radio Listener *

2372. Re: Pro-43 Diode- TRASHED

Newsgroup: rec.radio.scanner
Date: 1995-02-20 11:35:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.2264.1921@tscnet.eskimo.com>
Source record: 261094

When I purchased my PRO-43 and did the mod for adding 54 - 88 Mhz, using the removed cell. diode, I wanted to be able to listen to the sound carrier for the tv channels 2 - 6 as well as the 72 - 76 Mhz band. It is worth the trouble to make the mode and it does work well in my area, despite not having the correct coils for that band area. Do the mod anyway, but since you don't have the original diode, use a 1N4148 fast-switching diode. Perhaps a 1N914 might do the job also. They can be found at Radio Shack for a cheap price.

2373. PRO-2027 Mods.

Newsgroup: rec.radio.scanner
Date: 1995-02-20 11:45:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.2265.1921@tscnet.eskimo.com>
Source record: 261095

Subj: PRO-2027

Want unrestricted 800MHz operation for the PRO-2027? Move diode D35 to the D34 slot. D34 is open on USA/Canada models. Be careful soldering here, the diode is a bit small.

2374. Ontario area TV stations

Newsgroup: rec.radio.scanner
Date: 1995-02-20 12:41:11 UTC
From: Vaughan.Huska@odxabbs.tor250.org
Message-ID: <90b_9502202226@tor250.org>
Source record: 261124

Hi, Ron.

What station do you "shoot" for here in Toronto, and what
frequency does your station use to contact you and the other
camera-dudes on your portable-mobile radios :)

Cheers,

Vaughan Huska

p.s. thanx for the amb, and fire info, though.
--
| Fidonet : Vaughan Huska 1:250/930
| Internet: Vaughan.Huska@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.

2375. Re: Data Skip

Newsgroup: rec.radio.scanner
Date: 1995-02-20 13:09:53 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <D4Av8H.4Kv@ssbunews.ih.att.com>
Source record: 261096
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3i954k$mot@fnord.dfw.net>, Bill Boyer <weasel@dfw.net> wrote:

>Has anyone played with any of the newer models of scanners which have
>some sort of "data skip" feature? I assume this will allow you to skip
>over the data channel of a trunked system without having to lock out the
>new channel and remembering to unlock the old one.

I wish this were true. The Data Skip facility on the Uniden/Bearcat
BC3000XLT, BC9000XLT, and BC220XLT units I've tried isn't good enough
to recognize the data channel of a Motorola trunked channel and
skip over it quickly.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2376. pro 2024 mods?

Newsgroup: rec.radio.scanner
Date: 1995-02-20 14:01:33 UTC
From: 74452.2731@CompuServe.COM
Message-ID: <3ia7bt$kv6$1@mhade.production.compuserve.com>
Source record: 261097

I just got a pro 2024 from a friend and have been looking
for any mods that might be done to it. Anybody know of
any, or could offer some help?

--
-Tony-

2377. Help With Motorola DLP

Newsgroup: rec.radio.scanner
Date: 1995-02-20 14:22:09 UTC
From: hanebuth@eden.rutgers.edu
Message-ID: <3ia8ih$ctn@er7.rutgers.edu>
Source record: 261101
Cross-posted to: rec.radio.scanner,sci.electronics,rec.radio.amateur.misc

A friend was reporgramming my Motorola P200 (As an authorized tech of course)
As we were moving frequencies around we can accross a DLP ???. When I got
home to check and see if the other radio worked it didn't. Then I looked
at the freq. printout from the computer and it said the DPL was set
to none.

My question: Is there a way to find the missing DPL without getting a
cord for the P100 (Still Working on DLP). And what does ??? mean in
the DPL world?

Thanks
-Stu

--
* Stuart Hanebuth * Men Stumble over the truth from time *
* hanebuth@eden.rutgers.edu * to time, but most pick themselves up *
* (908) 932-8319 Rutgers University * and hurry off as if nothing happened *
* (908) 745-7685 New Jersey Local * KB0QXR * -Sir Winston Churchill *

2378. Please Help for FTP-Sites in Germany

Newsgroup: rec.radio.scanner
Date: 1995-02-20 17:00:33 UTC
From: student@chemie.uni-oldenburg.de
Message-ID: <student.44.2F48CAB1@chemie.uni-oldenburg.de>
Source record: 261098

Hello in this Corner of News !

The only Question i have is if Anybody here knows where a FTP-Site is
where there is anny Stuff about Scanners like AR3000 or AR8000 in
Germany by the Side??

Sorry , but until now i have no Callsign or Loginname in this network
and so You are pleased to send the Answer into this News-corner.

Thanks for any Reconnections!!!

73 Henry Finke

2379. Does Anybody Know FTP-Sites in Germany ?

Newsgroup: rec.radio.scanner
Date: 1995-02-20 17:57:10 UTC
From: student@chemie.uni-oldenburg.de
Message-ID: <student.49.2F48D7F6@chemie.uni-oldenburg.de>
Source record: 261100

Hello in this Corner of News !

The only Question i have is if Anybody here knows where a FTP-Site is where there is anny Stuff about Scanners like AR3000 or AR8000 in Germany by the Side??

Sorry , but until now i have no Callsign or Loginname in this network and so You are pleased to send the Answer into this News-corner.

Thanks for any Reconnections!!!

Henry Finke

2380. BC220XLT mod?

Newsgroup: rec.radio.scanner
Date: 1995-02-20 18:56:44 UTC
From: kcb@post.its.mcw.edu
Message-ID: <3iaolc$e7h@post.its.mcw.edu>
Source record: 261099

Subject says it all, although I'm sure this question has been
asked thousands of times before. 800 mod for BC220XLT available?
(recently purchased, new)
-k
--

Kent C. Brodie - Sr. Systems/Network Manager brodie@post.its.mcw.edu
Information Technology Systems
Medical College of Wisconsin (414) 456-5080

2381. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-20 20:05:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.15252.5773.0N1D1093@canrem.com>
Source record: 261102

```
Bk> It _is_ illegal to monitor cell and to sell scanners capable of such in
Bk> Canada. Canada likes to follow the American lead wherever it can.

Bullshit. It has never been illegal to monitor or sell phones capable
of receiving cellular in Canada.

Steve Jones <steve.jones@canrem.com>
(PGP public key available)
... Friends don't let friends use MS-DOS.

* Q-Blue 1.0 [NR] *
```

2382. Re: Weird Antenna Reception

Newsgroup: rec.radio.scanner
Date: 1995-02-20 21:00:03 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3iavsj$ohi@umcc.umcc.umich.edu>
Source record: 261118

In article <3iagsa$jf7@newsbf02.news.aol.com>, AdaMatt <adamatt@aol.com> wrote:
>I just built a big recieving antenna for a scanner out of bare stranded
>copper wire. I just fired up my scanner and I had great reception north
>of my location but almost nothing to the south... Any suggestions?
>Thanks!

Kewl, d00d! Best suggestion for you is to mount the scanner on top of
a TV antenna rotor, & point the rotor control knob South. Aim it back
North when you want to receive stuff from that direction.

> :::::::::AdaMatt@aol.com:::::::::

Gotta love AOL...

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 Blah blah blah...

2383. Scanner Comparison

Newsgroup: rec.radio.scanner
Date: 1995-02-20 21:05:49 UTC
From: beatty@marlin.nosc.mil
Message-ID: <1995Feb20.210549.23822@nosc.mil>
Source record: 261103

[No readable article body recovered]

2384. Detector vans

Newsgroup: rec.radio.scanner
Date: 1995-02-20 22:05:48 UTC
From: an10276@anon.penet.fi
Message-ID: <143340Z15021995@anon.penet.fi>
Source record: 261106

Is it possible for the authorities to identify scanner users by detector vans such as those used to find TV licence dodgers? Could the frequency being monitored also be determined?

After all, both devices are not explicitly transmitters, but emit some IFs.

I refer here mainly to handhelds, since you give the game away anyway if you have a large spikey aerial :-)

Even if it was suspected that you were monitoring "unauthorised" frequencies, and the official was outside your house, could they determine anything without physically seizing it and checking the frequencies?

Or is it quite safe unless you act on spoof UFO landing broadcasts? :-)

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2385. Re: North York FD Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-20 22:54:47 UTC
From: ronkatz@interlog.com
Message-ID: <ronkatz.47.0034A794@interlog.com>
Source record: 261108

In article <D40C3I.54o@torfree.net> ba074@torfree.net (Marshall M. Shunk) writes:
>From: ba074@torfree.net (Marshall M. Shunk)
>Subject: North York FD Frequencies
>Date: Tue, 14 Feb 1995 20:40:27 GMT

>I don't know if my last posting made it so I'll try again...

>Does anyone know if the North York Fire Dept frequencies have changed?

>If so, can someone please let me know what the new frequencies are?

>Many thanks.

>Marshall Shunk
>ba074@freenet.toronto.on.ca

>--
>Marshall M. Shunk -- ba074@freenet.toronto.on.ca

NORTH YORK FIRE DEPT.

866.2625 Ch 1 for dispatching of calls and trucks returning to stations
866.7625 Ch 2 alarm testing, pre plan etc.. no interesting calls here.
867.2625 Ch 3 operations
867.7625 Ch 4 operations
867.9875 Ch 5 operations also has link to O.F.M.

As a fire call is dispatched the trucks will switch to channel 3,4 or 5 as
per dispatch on channel 1

After the call trucks will switch back to ch 1

North York fire does have 'talk around' or 'simplex' on all 5 channels so it
is possible at times of bad radio coverage to find them at a scene not using
the repeater. This I only when in undergrounds etc..

Ron Katz
Toronto Ontario
News Videographer

2386. Kansas City Shuttle Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-20 23:06:28 UTC
From: jrainekc@cyclops.pei.edu
Message-ID: <3ib79k$dgg@kasey.umkc.edu>
Source record: 261104

Hello,

I am wondering if there are any amateur rebroadcasts of the shuttle in the Kansas City area? I searched through the 2m and 70cm bands but found nothing during the last mission...

Thanks for the help,
Jon

P.S. I would appreciate it if replies would be sent directly to: jrainekc@cyclops.pei.edu

--

2387. Re: Regency and R/S scanner Xtals

Newsgroup: rec.radio.scanner
Date: 1995-02-20 23:20:47 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D4BnIo.Dn8@ssbunews.ih.att.com>
Source record: 261105
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3iaimg$jt1@newsbf02.news.aol.com>,
JeffPMil <jeffpmil@aol.com> asked about sources for crystals:

>Any source for these old timers?
>I want to upgrade an old 10 channel R/S and a Regency scanner
>Address/phone numbers appreciated

I ordered crystals through the local Radio Shack last year
and had them in about one week.

From the "Buying a Used Scanner Radio" FAQ:

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor
receiver, you will probably want to buy more crystals to
cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack
store or from one of the companies below. Be sure to
specify the operating frequency you want and the brand and
model of scanner.

Some companies may ask you to send a schematic of the
scanner or require more detailed information, like series
or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741, 800-725-1426

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2388. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 01:00:49 UTC
From: af177@FreeNet.Carleton.CA
Message-ID: <D4Bs5D.Lu@freenet.carleton.ca>
Source record: 261107

In a previous posting, George Gebara (bk321@FreeNet.Carleton.CA) writes:
> In a previous posting, Gleb Esman (gesman@io.org) writes:
>> In article <3ho1oh$o0v@ionews.io.org>, Gleb Esman <gesman@io.org> wrote:
>>>In article <D3utIn.3Jr@freenet.carleton.ca>,
>>>Darrell A. Larose <ad607@FreeNet.Carleton.CA> wrote:
>>>>In a previous posting, David May (davidmay@u.washington.edu) writes:
>>>>> wondering if I could buy the scanner in Canada. Are the cellular ranges blocked
>>>>> from the Canadian models of the Uniden or Realistic scanners?
>>>>The Shack stuff is blocked. It is not illegal to monitor cell in Canada, but

> It _is_ illegal to monitor cell and to sell scanners capable of such in
> Canada. Canada likes to follow the American lead wherever it can.
>
It is NOT illegal in Canada according to the Criminal Code of Canada.
Without quoting the complete section, I'll just mention that Section
184.5(1) refers only to persons who intercepts,---- maliously, or for gain

The Radio Act says something different but for criminal law, I believe
that my comment stands. Canada does not follow the U.S. lead in this
regard.

2389. New Jersey

Newsgroup: rec.radio.scanner
Date: 1995-02-21 01:36:12 UTC
From: ahusik@pluto.njcc.com
Message-ID: <3ibg2c$snl@earth.njcc.com>
Source record: 261109

Can anyone point me in the direction to a club/sig in the Princeton New Jersey area? Seems like a great area for scanning, I'm also having some trouble getting started, I'd appreciate any help.
Thanks.

--
~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~
Adam G. Husik ahusik@pluto.njcc.com Princeton, New Jersey
~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~

2390. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 02:16:59 UTC
From: ax446@FreeNet.Carleton.CA
Message-ID: <D4BvoC.45I@freenet.carleton.ca>
Source record: 261110

In a previous posting, Bill Dyke (af177@FreeNet.Carleton.CA) writes:

> It is NOT illegal in Canada according to the Criminal Code of Canada.
> Without quoting the complete section, I'll just mention that Section
> 184.5(1) refers only to persons who intercepts,---- maliously, or for gain

Hi There...

Yup, it is completely legal to listen to whatever you want in Canada.
What is against the law is to communicate anything heard, whatever the
reason. A few years ago it caused a big kerfuffle (is that a word?...)
when a person passed on a taped cell-phone conversation to a reporter. It
started a big discussion on freedom of the press vs the Radio Act. What
did come out clear was that a private individual did not, repeat not,
enjoy the freedom of the press protection.

--
Dan Hilliker - Engineers rule the World -
ax446@freenet.carleton.ca Per Ardua Ad Astra

<my opinions only, not my employer's>

2391. Marine VHF

Newsgroup: rec.radio.scanner
Date: 1995-02-21 02:32:37 UTC
From: ad783@cfn.cs.dal.ca
Message-ID: <D4BwEE.DEM@cs.dal.ca>
Source record: 261111

I thought I seen a request for marine channel 71.
The frequency for this channel is 156.575 mhz.

Ron W.

--

2392. Re: EEB'S Mast Mount Pre-Amp MMP100 ???

Newsgroup: rec.radio.scanner
Date: 1995-02-21 03:30:10 UTC
From: rduranucsb@aol.com
Message-ID: <3ibmo2$ss5@newsbf02.news.aol.com>
Source record: 261112

Well Robert, you have a pretty fancy set-up. First, check that the R 9000 is working well with a simple antenna hooked to the R 9000 jack; presumably, that's not the problem. Next try a direct hook-up of a handheld scanner (such as the AR 80000 via inexpensive cable) to the antenna (even unmounted--try weather channels e.g.). If that works then the Belden cable or jacks may be a problem, else its the antenna or antenna jacks.

Best of luck with your enviable set-up.

Richard

2393. Scanner Mod.

Newsgroup: rec.radio.scanner
Date: 1995-02-21 03:50:18 UTC
From: Lasergod@ix.netcom.com
Message-ID: <3ibntq$s4@ixnews2.ix.netcom.com>
Source record: 261113

Looking for any scanner mod for the radio shack pro-2036....Please Help!

THANX!!

2394. Re: VHF-FM uTrans Schematics?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 04:38:00 UTC
From: jlundgre@news.kn.PacBell.COM
Message-ID: <3ibqn8$iiu@ohlone.kn.pacbell.com>
Source record: 261116
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.scanner,sci.electronics

Try dg-rtp.dg.com /FM-10 directory. Hang out on the alt.radio.pirate
newsgroup for more info and FTP sites.

Jon Badger (jbadger@poplar110.cray.com) wrote:

: Would anyone happen to have a schematic for a low power VHF-FM micro
: transmitter? (Or know of a web/ftp site where I could find one?)

: Thanks-in-advance.

: --
: _/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
: _/ _/ _/ _/_/ _/ CRAY Research, Inc.
: _/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
: _/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

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John Lundgren - Elec Tech - Info Tech Svcs	Standard
Rancho Santiago Community College District	disclaim-
17th St. at Bristol \ Santa Ana, CA 92706	ers apply.
jlundgre@pop.rancho.cc.ca.us\jlundgre@kn.pacbell.com	
"He who toys with the most dies, wins."- Dr Kevorkian?	
==========

2395. Pro-43 (3A3) or Pro-51 (12A3)--Which one should I get?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 05:29:26 UTC
From: terrymc@southwind.net
Message-ID: <terrymc-2102950029260001@192.0.2.1>
Source record: 261120

I found 2 different Radio Shack's that has these scanners. One has the Pro-43 that is modifiable with a mfg data of 3A3. The other store has a Pro-51 with a mfg date of 12A3. What is the difference between these and which one should I get. The Pro-43 is $249. The Pro-51 is $229. I understand that the Pro-51 has a keyboard mod that has to be done each time the unit is turned on. Also, do either of the mods allow saving the frequencies for cellular into memory?

Thanks
Terry McAdams
terrymc@southwind.net

2396. Re: Bugged Inns.

Newsgroup: rec.radio.scanner
Date: 1995-02-21 05:39:00 UTC
From: mike.scheel@slc.davenport.ia.us
Message-ID: <29a.62.1219@slc.davenport.ia.us>
Source record: 261114

<Michael Alexander> said this to <ALL> about: [Re: Bugged Inns.]

MA>of the negative publicity. Thus, it would not surprise me to learn that
>Ramada was engaged in similar activity. Big Brother is not the
>government; it's the rest of us.

when business sees what the government does, they want to copy.
Big Brother is who ever thinks they are better than you.

-mws

___

• 1st 2.00b #408 • New from the Playboy Channel: Star Trek: Voyeur
--- Silver Xpress Mail System 5.03H1

Internet: mike.scheel@slc.davenport.ia.us (Mike Scheel)
This message was processed by RAuucp from Merlin Systems Inc.

2397. Re: New Jersey

Newsgroup: rec.radio.scanner
Date: 1995-02-21 07:39:28 UTC
From: scan911@aol.com
Message-ID: <3ic5bg$3bu@newsbf02.news.aol.com>
Source record: 261117

You'd be interested in the All Ohio Scanner Club's American Scannergram, which covers an area from Illinois to New Jersey and Maine, and Ontario to Kentucky. The club just expanded into the Northeast.

For dues/member/newsletter info, send e-mail to Davem0911@aol.com and tell him I sent you!


```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in the GREATER PHILADELPHIA area!

2398. BEARCAT 890XLT W/CELLULAR

Newsgroup: rec.radio.scanner
Date: 1995-02-21 08:24:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.3761.7592.0NFB94C0@woodybbs.com>
Source record: 261119

Subject: BEARCAT 890XLT W/CELLULAR SALE

Subj: BEARCAT 890XLT W/CELLULAR SALE
$300.00 firm and I pay the shipping.

That's no sale...that's robbery <grin>.

Brand new ones are 230-240...cellular mod is the simple re-placement of
one surface-mount diode.

I'll ship you 200.00 for it.
---
 wcECHO 4.0 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

2399. Re: Satellite Info

Newsgroup: rec.radio.scanner
Date: 1995-02-21 09:39:26 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.135.0009A88C@ccm.hf.intel.com>
Source record: 261122

In article <3he7bo$p5h@sagan.nps.navy.mil> tmnichol@nps.navy.mil (Troy M. Nichols) writes:

> I am looking for a comprehensive list and data on all
>amateur radio satellites (past and present). Would somebody
>please point me in the right direction. By data, I mean how many
>telemetry points the satellite has, how much storage, data rates,
>etc.....

> I am also looking for information on TT&C for amateur radio
>satellites. Who is responsible for and where are the TT&C
>operation conducted.

Call Gorve Enterprises in North Carolina. They have a magazive called
Satellite Times that has detailed info on all the AmSats.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2400. Re: Where to get RadioMap ?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 10:10:44 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.136.000A2E26@ccm.hf.intel.com>
Source record: 261123
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <D4CpME.D3r@ssbunews.ih.att.com> parnass@radioman.ih.att.com (Bob Parnass, AJ9S) writes:

> I will produce custom RadioMap reports for areas in any of
> the 50 states. Send $19.95 (check or money order) for each
> RadioMap report, your name, address, and telephone number,
> along with center location (nearest intersection of 2
> streets, or latitude & longitude) to: Bob Parnass, 2350
> Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM
> central time.

> Price increases to $25.95 April 1, 1995.

Bob, is there a way to know ahead of time how many miles the map will cover?
The center of the map will vary depending on how much distance the map covers.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2401. Re: Info about PC scanner cards

Newsgroup: rec.radio.scanner
Date: 1995-02-21 11:07:57 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.139.000B2246@ccm.hf.intel.com>
Source record: 261031

In article <D49qp1.L6K@actcom.co.il> gk@shani.co.il (Gil Kushilevitz) writes:

>Hello there,

>Does someone has info about PC scanner cards (models, prices,
>etc.)?

>Your help will be well appreciated.

>E-mail replies R preffered.

I do not think there are any PC cards that will perform the functions of a
scanner.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2402. Re: New 25 channel Cordless Allocations

Newsgroup: rec.radio.scanner
Date: 1995-02-21 11:20:54 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsD4CKuv.Gn8@netcom.com>
Source record: 261121

In article <3i3904$m5e@hopper.acm.org>
mulligan@ACM.ORG (F. Barry Mulligan) writes:

> For background: The original petition from the TIA was submitted in
> August '92. The FCC issued a NPRM in Sept 93. In Nov 93 the deadline for
> comments was extended. Since then there has been no action. Even for the
> FCC, a year-and-a-half of silence is the sound of _no_ hands clapping.

Within the last several weeks, TIA has returned to the FCC with a
vengeance, demanding that swift action be taken in the NPRM. The FCC
has taken no such action, unless it's happened in the last couple of
days. I'll letcha know.

> I suspect that the cordless manufacturers are concentrating on 900 MHz
> and have lost interest in additional 44-49 MHz channels.

One would think so; however, that's not the case. TIA is strenuously
arguing that more VHF spectrum is needed nowww!! The 900 meg products
have not yet hit the price point that they can replace the 46 meg
products.

> Their consumer products allies can't be too happy with the idea of cordless base
> xmitters right in the middle of the standard TV I.F., either.

The main squeaky wheels in this matter are outfits like Uniden and
AT&T, which don't make TVs.

Bennett Kobb

2403. Need Bloomington IL Freqs

Newsgroup: rec.radio.scanner
Date: 1995-02-21 13:37:11 UTC
From: robert@eden.com
Message-ID: <3icqa7$1vr@boris.eden.com>
Source record: 261033

My brother is currently staying in Bloomington IL for the next two weeks
and would like some frequencies for the area. Contact Patrick at
309-454-6600 room 138
thanks

2404. Re: -->> Booklet Authors Wanted <<--

Newsgroup: rec.radio.scanner
Date: 1995-02-21 14:36:46 UTC
From: HILLER@SMARTDOCS.COM
Message-ID: <HILLER.428.0157D2D0@SMARTDOCS.COM>
Source record: 261048
Cross-posted to: alt.2600,alt.privacy,misc.writing,comp.org.eff.talk,rec.radio.scanner,alt.law-enforcement,alt.radio.pirate,alt.security,alt.zines,misc.survivalism

Benjamin Lerman suggests:

> "Holding your own: Tips from Doctor Ruth"

PLAGIARISM ALERT!!!

I have it on good authority that Joycelyn Elders wrote that.

Mimi

2405. Re: AR8000 Mailing List

Newsgroup: rec.radio.scanner
Date: 1995-02-21 14:43:54 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3icu7a$l76@sparc.occ.uky.edu>
Source record: 261036

Richard Hoffbeck (RWH@maroon.tc.umn.edu) wrote:
: Well I finally got around to installing procmail/SmartList and I have set up a
: mailing list for ar8000 owners/users/developers. To subscribe to the list,
: simply send a message to ar8000-request@doma.hsr.umn.edu with a subject of
: subscribe. Likewise, a subject of unsubscribe will get you off the list; and
: of course, all posts should go to ar8000@doma.hsr.umn.edu.

: As to policies for content, etc., there are none :-) If you run into any
: problems, drop me a note at rwh@doma.hsr.umn.edu.

Mail comes back undelivered! HELP!
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

2406. Re: Pro-43 (3A3) or Pro-51 (12A3)--Which one should I get?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 15:01:06 UTC
From: horak@convex.com
Message-ID: <3icv7i$scc@eugene.convex.com>
Source record: 261040

In <terrymc-2102950029260001@192.0.2.1> terrymc@southwind.net (Terry McAdams) writes:

>I found 2 different Radio Shack's that has these scanners. One has the
>Pro-43 that is modifiable with a mfg data of 3A3. The other store has a
>Pro-51 with a mfg date of 12A3. What is the difference between these and
>which one should I get. The Pro-43 is $249. The Pro-51 is $229. I
>understand that the Pro-51 has a keyboard mod that has to be done each
>time the unit is turned on. Also, do either of the mods allow saving the
>frequencies for cellular into memory?

Oh man, RUN, don't walk, to that store and get the pro43. It is triple
conversion, has more freqs and is more modifiable (although it is a
hardware mod). Althouth the pro51 scans faster, this isn't nearly a
good enough reason to go with the 51.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2407. DIA ?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 15:46:05 UTC
From: jerrys@m4430jxs.esr.hp.com
Message-ID: <3id1rt$pi1@hpscit.sc.hp.com>
Source record: 261037

Sorry if this info was recently posted but if it was I must have missed it.

Does anyone know what freqs will be used at the new DIA in Denver?

Thanks,

Jerry (n3hvc)
jerrys@a4430ux.esr.hp.com

2408. Re: Colorado Scanner Regulations

Newsgroup: rec.radio.scanner
Date: 1995-02-21 16:11:48 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-210295111146@132.226.103.40>
Source record: 261049

In article <3ibgrv$1pru@usenetp1.news.prodigy.com>, XHCJ28B@prodigy.com
(Michael Rothermel) wrote:
>
> Does anyone out there know of any regulations to the use of personal
> scanners in the state of Colorado ?
>

The mobile use of scanners is legal in Colorado.

2409. Re: -->> Booklet Authors Wanted <<--

Newsgroup: rec.radio.scanner
Date: 1995-02-21 16:59:21 UTC
From: lerman@rocket.cc.umr.edu
Message-ID: <3id659$d0q@hptemp1.cc.umr.edu>
Source record: 261047
Cross-posted to: alt.2600,alt.privacy,misc.writing,comp.org.eff.talk,rec.radio.scanner,alt.law-enforcement,alt.radio.pirate,alt.security,alt.zines,misc.survivalism

David Borowski (dborowsk@netcom.com) typed:
: Glen L. Roberts (fd@wwa.com) wrote:

: : Hacking: Frequently Asked Questions
: : The Scroungers Guide to Satellite TV
: : How to Spy on Anyone without Getting Caught
: : Directory of Electronic Surveillance Equipment Suppliers
: : Your SSN from Pension Provider to Privacy Penetrator
: : Privacy & GEMS
: : Remote Mind Control Technology
: : The Satellite Specialists Guide: Inside Secrets

: How about "How To Get Beautiful Women To Not Hate You"
: "Easy Home Based Penis Enlargement"
: "So You Wanna' Be a Brain Surgeon?"
: "Make Money selling Your Brother's Blood"

Or: "Two hundred easy steps to getting a life"
"101 ways women prefer cucumbers to men"
"Shaving all the hair off your wife's back and selling it to Upjohn"
"Holding your own: Tips from Doctor Ruth"

and stuff....

--
Ben Lerman
lerman@umr.edu

This .sig is boring. So kill me.

proposal for incendiary napalm rounds for a potato gun....

Toilet paper roll
\/
/--------------------\ /|
/ | DET- ____/ |
Nose> < NAPALM | ONA- --| <--Stabilizing fins
\ | TOR /----\ |
\--------------------/ \|

2410. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 17:24:14 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D4D1oE.JGz@freenet.carleton.ca>
Source record: 261028

In a previous posting, George Gebara (bk321@FreeNet.Carleton.CA) writes:

> It _is_ illegal to monitor cell and to sell scanners capable of such in
> Canada. Canada likes to follow the American lead wherever it can.
>
Actually we very seldom follow the American lead at all. It is not illegal
for Canadians to visit Cuba for example. There are dozens of laws that are
quite different in Canada than in the U.S of A. I even called Communications
Canada to check on any changes in the Radio Act regarding scanners. As this
Department is the one that enforces violations of the Radio Act they would
know. The poster previously mentioned the CRTC (Canadian Radio-Television
Telecommunications Commission) as the regulator. This is also untrue. The
CRTC mandate extends only to commercial broadcasters, Cable and Phone services
They do not have the mandate to restrict radio listening, as much as they
would like to.

--

2411. Modems on cellular, hear any?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 17:31:41 UTC
From: gordonlm@u.washington.edu
Message-ID: <3id81t$btk@news.u.washington.edu>
Source record: 261053

I don't have a scanner or the answer to this would be obvious.

While scanning cellular phone frequencies, how often do you hear a modem?
Apparently it is becoming more common to hook laptops to the network via
a cellular call...convenient but not very private!

Gordon Mitchell (206) 481-5577

2412. Re: Power input for scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-21 17:31:44 UTC
From: schuster@panix.com
Message-ID: <3id820$r1a@panix3.panix.com>
Source record: 261051

Start using ****REC*****.radio.scanner

Heat is the enemy of nicads. If you keep the HT charging all the time on a dumb charging circuit, even the trickle will shorten the lifespan of the cells by generating heat.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2413. Re: Ham - Origin

Newsgroup: rec.radio.scanner
Date: 1995-02-21 17:32:04 UTC
From: zlau@arrl.org
Message-ID: <1995Feb21.173204.4079@arrl.org>
Source record: 261038

Kevin Jessup (kevin.jessup@mail.mei.com) wrote:

: Actually, it's because you will soon be FAT AS A PIG because
: you spend all your time on your back-side in front of the
: rig. If your not doing that, your out suffing your face
: with coffee and donuts after the local ham club meetings. ;-)

A great way to keep in shape is carry radio gear up hiking
trails. Last time I was near the summit of Grand Manadnock
in NH I don't think I saw a single overweight person.

The best place to play with the radio gear is usually
below the summit. Most importantly, this allows other hikers
to enjoy the summit. You can use the mountain to shield your
radio, so your radio isn't overwhelmed by signals coming in
from all directions at once.
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

2414. Re: DIA ?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 17:52:17 UTC
From: horak@convex.com
Message-ID: <3id98h$e38@eugene.convex.com>
Source record: 261027

In <3id1rt$pi1@hpscit.sc.hp.com> jerrys@m4430jxs.esr.hp.com (Jerry Simon) writes:

>Does anyone know what freqs will be used at the new DIA in Denver?

Do you mean the frequency of lost baggage? :-D

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2415. FS: BC2500XLT Scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-21 18:00:28 UTC
From: paidukas@huey.mis.semi.harris.com
Message-ID: <3id9ns$j5o@hearye.mlb.semi.harris.com>
Source record: 261026
Cross-posted to: rec.radio.scanner,rec.radio.swap

I have a near mint condition Uniden BC2500XLT scanner for sale.
This is a handheld 400 channel scanner with 100 channel per second scan rate.
Coverage is from 25 MHz to 1300 MHz. The only gap is from 550 MHz to 760 MHz.
This is a continuous band scanner, includes cellular. This unit is in excellent
condition and includes AC adaptor/charger, original leather case and two antennas.
Also includes original box and manual. I am only selling this to obtain more ham
gear. Serious inquiries only. Asking $ 250.00 firm. First come first serve.

Paul KE4QJA
Packet: KE4QJA@KD4WLE.#MLBFL.FL.US.NA Internet: paidukas@huey.mis.semi.harris.com

2416. Pro-43 tossed its cookies

Newsgroup: rec.radio.scanner
Date: 1995-02-21 18:09:37 UTC
From: reda@rucs-admin.rutgers.edu
Message-ID: <3id6jn$6g2@igor.rutgers.edu>
Source record: 261046

I had heard of this before, but had never experienced it personally, until recently.

I was deleting (zero-ing out) unused channels. During the process, my 43 locked.
I powered it on and off repeatedly to no avail, and eventually sought the manual
to get the reset key sequence. Gone were all 200 channels...

Has anyone determined why this happens? How can I prevent it from happening
again?

My $.02 on 43's in general:
Aside from the occasional intermod problem around the 150 MHz range, I've grown
fond of this unit.

FRank

Frank J. Reda, Rutgers University Computing Services
reda@rucs-admin.rutgers.edu
:-) :-) :-) :-) :-) :-) :-o :-) :-) :-) :-) "There's one in every crowd."

2417. Re: Do US scanners work in Australia?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 18:16:05 UTC
From: n9315@pnet16.navy.mil
Message-ID: <D4D42t.GCx@nctams1.uucp>
Source record: 261025
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The US scanners will work for most things. But, there is a difference for public service bands. If you get a RS Pro-39, and read the mod files for it, they tell how to set it for the Australia/UK public service band. (I'm familiar with Pro-39 due to owning one, with the Service Manual in hand. RS stock numbers: US is 20-303 Australia is 20-9303)

****
*Unless otherwise stated, expressed view are my own. They may not be the *
opinions of my superiors, the U.S. Navy, the DoD, nor the U.S. government.
* *
*Rich Sheff - KD6HWF\KH6 | krokus@m-net.arbornet.org (forwarded) *
*ex- VK6JCA, ex- HL9RMT | n9315@nctams1.navy.mil *
****

2418. Re: WANTED: antenna for C

Newsgroup: rec.radio.scanner
Date: 1995-02-21 18:37:50 UTC
From: eletain@freenet.edmonton.ab.ca
Message-ID: <3idbtu$hjb@news.sas.ab.ca>
Source record: 261042

ROCKY THEORET (rocky.theoret@undiscovered.com) wrote:

: Just wondering if anybody has tried to use the antenna that is embedded in
: the car windshield. Any decent results, such as using a splitter ----- one
: lead to radio/stereo, the other to the scanner?

: Worth the trouble of crawling under the dash to hook it up or no?
: Maybe if I am going to crawl under the dash, I should buy a seperate
: scanner antenna? Any thoughts?

I have used the regular car antenna for the scanner (an older RS mobile/base type with a motorola input jack), my results were that it was better than the back of the set antenna but not as good as a dedicated scanner antenna. The antenna was a steel rod on the fender type not an imbedded in the glass type. The antenna match is less critical for receiving than transmitting but here are the drawbacks by using the car radio antenna rather than a dedicated scanner antenna. 1.Most modern scanner use a BNC connector rather than a motorola so you will need a splitter & a motorola to BNC adapter (RS is a easy source for both). 2. The in the glass antennas are usually 'L' shaped, not good for vertically polarized signals. 3. SOME car antenna/radio connections are accesable only by major effort and it is sometimes difficult to bring out a separate cable to plug into your scanner 4. MFJ makes a 2M ham radio antenna that is easily cut down to an excellent 150-174 Mhz scanner antenna (5/8 wave 3 db gain) on a magnet mount for about $25 US.

Ed Letain

2419. Re: Pro-43 (3A3) or Pro-51 (12A3)--Which one should I get?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 18:41:38 UTC
From: terrymc@southwind.net
Message-ID: <terrymc-2102951341380001@192.0.2.1>
Source record: 261044

In article <3icv7i$scc@eugene.convex.com>, horak@convex.com (David Horak) wrote:

> Oh man, RUN, don't walk, to that store and get the pro43. It is triple
> conversion, has more freqs and is more modifiable (although it is a
> hardware mod). Althouth the pro51 scans faster, this isn't nearly a
> good enough reason to go with the 51.
>
> David Horak horak@convex.com
> Plano, Texas (not your average plain-O town :-)

Pro-43, in-hand, as I type!! Good looking unit. Thanks for the info.

How long should I wait to do the mod? Is there a history concerning when
they fail, if they are going to fail?

Terry McAdams
terrymc@southwind.net

2420. Any Bearcat 3000xlt comments?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 18:50:46 UTC
From: skora@bartles.pdb.bnl.gov
Message-ID: <1995Feb21.185046.13570@bnlux1.bnl.gov>
Source record: 261029
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Can anyone comment on the new Bearcat 3000xlt handheld scanner?
It sure looks interesting, but I'd like to hear how people
like it before sending in a check...

Thanks!
--

****
John Skora skora@bnl.gov Protein Data Bank Brookhaven Nat'l Lab
****

2421. Re: WTB: Pro 2004,2006, Etc.

Newsgroup: rec.radio.scanner
Date: 1995-02-21 18:59:31 UTC
From: gterpin@ivsfs.nw.att.com
Message-ID: <D4D639.CHF@nntpa.cb.att.com>
Source record: 261030
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3ibhe0$lqm@coyote.rain.org>, Woodman <woodman@rain.org> wrote:
>I'm looking to buy a Raido Shack scanner 2004 through 2006 series with
>the full 800 band. E-mail with description, condition and price.
>
>-- | ComputerFOCUS
>Michael H. Woodill |
>(805) 681- 8343 | Software Training For The Tri Counties Since 1988
>woodman@rain.org | Novell Authorized Education Center

Mike read my mind. I am also interested in one of these. Any leftovers?

Greg
gterpin@ivs.nw.att.com

2422. Any Bearcat 3000xlt comments?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 19:45:47 UTC
From: skora@bnlux1.bnl.gov
Message-ID: <1995Feb21.194547.17316@bnlux1.bnl.gov>
Source record: 261032
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Can anyone comment on the new Bearcat 3000xlt handheld scanner?
It sure looks interesting, but I'd like to hear how people
like it before sending in a check...

Thanks!

--
--
John Skora skora@bnl.gov PDB Computing Systems BNL
--

2423. Mobile Data Terminals

Newsgroup: rec.radio.scanner
Date: 1995-02-21 20:41:55 UTC
From: ranickel@cadnet.micro.honeywell.com
Message-ID: <3idj6j$75t@The-Star>
Source record: 261034

Does anyone know how to decode signals from mobile data terminals user
by cops? Would need to consider tone frequencies, baud rate, encoding, etc.

Just for educational purposes of course.

2424. Re: Modems on cellular, hear any?

Newsgroup: rec.radio.scanner
Date: 1995-02-21 20:42:43 UTC
From: kcb@post.its.mcw.edu
Message-ID: <3idj83$fit@post.its.mcw.edu>
Source record: 261043

Gordon Mitchell (gordonlm@u.washington.edu) wrote:
: I don't have a scanner or the answer to this would be obvious.

: While scanning cellular phone frequencies, how often do you hear a modem?
: Apparently it is becoming more common to hook laptops to the network via
: a cellular call...convenient but not very private!

Apparently, (see alt.2600), this is the exact way Kevin Mitnick
(of hacker fame) just got caught. The authorities were able to
home in on his cellular modem calls....

-kent

--

Kent C. Brodie - Sr. Systems/Network Manager brodie@post.its.mcw.edu
Information Technology Systems
Medical College of Wisconsin (414) 456-5080

2425. Re: WARNING-Don't waist your time or money on ACE COMMUNICATIONS!

Newsgroup: rec.radio.scanner
Date: 1995-02-21 21:06:59 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <3idklj$ia@fozzy.aud.alcatel.com>
Source record: 261035

In article 2002950803070001@alexander.terranet.com, michael@alexander.terranet.com (Michael Alexander) writes:

|>I purchased an AOR from them in mid-1994. The price was competitive; the unit came
|>within a few days as promised; it was new (not refurbished). It worked perfectly.
|>Would I buy from them again? Until recently, I would have said unequivocably; now,
|>after all of the ACE slams, I'm not so sure. I hope they check in here from time
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
|>to time to get a good idea of how they're viewed in the marketplace! |
~~~~~~ |
/
It's too easy to piss and moan here ... there's no effort required. But, one gets what one "pays" for ... complaining here will achieve *no* results. Better these dissatisfied customers get out a paper, pencil, envelope, and stamp and write a letter of complaint to *the*company*! (No, calling the order operator to complain won't accomplish anything either ... except to ruin her day, and anyone who does that for spite is just a jerk.) Find out who owns ACE (ooooo, more *work*), then write directly to him/her/them. The company wouldn't have gotten so big if it had always been this bad. If they care ... they'll fix it ... if they don't ... they'll soon be out of business. Dassit.

RG

2426. AOR 8000, any body want to sell one?

Newsgroup: rec.radio.scanner
Date: 1995-02-22 00:09:26 UTC
From: VictorD@Shadow.net
Message-ID: <3idvbm$8qi@anshar.shadow.net>
Source record: 261039

Any body have an AOR8000 for sale, I only really "want" to spend 450 to 500. But, I know that the 8000
goes for a bit more. This is only very preliminary! I just bought a TR2400 from the Ace Comm.
company. It was a defect which broke after about 5 or so hours of use! I was shocked after waiting on
a list for over a month! It cost me $450.00! To me, thats quite a bit of money for such a product that has
such rediculous quality control. I sent the scanner back for repair. If I do find another scanner I will
cancel the TR2400 and buy another one, obviously! Well... I hope someone can help me in some
sense? See ya later!

```
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Victor DeVore
```

2427. Re: Pro-43 tossed its cookies

Newsgroup: rec.radio.scanner
Date: 1995-02-22 00:15:25 UTC
From: mulligan@ACM.ORG
Message-ID: <3idvmt$iu3@hopper.acm.org>
Source record: 261041

> I was deleting (zero-ing out) unused channels.
> During the process, my 43 locked.

The PRO-43 requires that at least one channel in each bank be enabled.
In the Manual and Scan modes you cannot lock all 20 channels in a bank. The
Program mode will, unfortunately, accept a lockout of the last channel. If
you attempt to scan that bank, the PRO-43 undergoes cardiac arrest and can
only be revived by a full reset. Oh well, you did want to reorder all the
channel assignments anyway, didn't you?
/* barry /&

2428. Re: Orders from 1-800-wx-bureau

Newsgroup: rec.radio.scanner
Date: 1995-02-22 05:34:25 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3ieid1$dhu@umcc.umcc.umich.edu>
Source record: 261045

In article <D3ozLy.JAn@boi.hp.com>, Alan Dye <adye@boi.hp.com> wrote:
>Has anyone had any sucess/failure with ordering from 1-800-wx-bureau "Weather
>Bureau" out of Ann Arbor, MI?
>
>I'm thinking about ordering a scanner from them, but will look elsewhere if
>their service is poor.
>

They've been around for a while, under the name Communications
Electronics. I'm not sure what this "Weather Bureau" junk is, but would
guess it is merely a subsidiary set up to help push their weather radio &
home meteorological products.

Their products are good, prices are OK, but usually their marketing
is rather silly hype.

Tim

>Alan W. Dye Hewlett-Packard Company
>email: adye@boi.hp.com Boise Information Technology

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 Blah blah blah...

2429. Future Ontario Freq. WEB page...can you help update?

Newsgroup: rec.radio.scanner
Date: 1995-02-22 10:03:31 UTC
From: Ron Katz <ronkatz@interlog.com>
Message-ID: <3if25j$ns3@steel.interlog.com>
Source record: 261056

I am interested in creating a Ontario Scanner WEB page for quick
and accurate frequencies for emergency services mostly.

I would like to update my records for the areas outside
of Toronto, Durham, York and Peel areas.

The problem is I'm not going to call or ride out around Ontario
to confirm them!!

If you have any frequencies for your area I would be interested in
them especially if its for Fire Police and Amb.

There are too many to list here but If you are interested in
what I already have for your area just ask I'll try and
send them to you. a specific area or frequency.

Any new frequencies in your area??

Ron Katz
Toronto Ontario.

2430. New AOR AR-2700 Info

Newsgroup: rec.radio.scanner
Date: 1995-02-22 10:24:20 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <793448660snz@javiaton.demon.co.uk>
Source record: 261055
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hiya,

This may be of interest:

The AR-2700 is a handheld unit with coverage from 500KHz-1300MHz.

It does not have SSB capabilities and replaces the AR2000 in their range, nor does it have an alpha numeric screen.

Modes are NFM, WFM & AM with increment steps of 5KHz, 6.25KHz, 9KHz, 12.5KHz, 12.5KHz, 25KHz, 30KHz, 50KHz and 100KHz (On WFM you can only have 50 & 100KHz).

500 memory channels in 10 banks of 50 with 10 search banks Scan/Search speeds are approx 30 per second.

The set can be externally controlled with a Computer via the CU-8232 interface although a small adaptor is needed as it uses a far more "sensible" external control connection (4 pin connector ala battery pack AR1500/BC220 etc).

One other unique option is the RU2700 Voice record chip - this will allow upto 20 seconds of digital recording to be recorded and then replayed whenever the time suites you.

Power requirements are standard (or at least what is now standard) 4 x AA or external 9-16 V dc.

Size is similiar to the AR8000 (153x63x40) although it looks very much like a MVT-7100.

The radio is due to be "launched" in March, availability therefater...? Provisonal price in the UK is expected to be around 269.00GBP inc VAT.

Giffy picie on our WWW page with other details.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \--
Internet : Clough@javiaton.demon.co.uk (Pls note missing "i" for E-Mail)
\--/

2431. Scanner questions: purchase and strategy

Newsgroup: rec.radio.scanner
Date: 1995-02-22 12:19:14 UTC
From: c.a.sandridge@larc.nasa.gov
Message-ID: <9502220719.AA14797@sdbchris.sdbrt>
Source record: 261050
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

I'm about to purchase a scanner for auto racing and I want some advice from experienced listeners.

I am leaning toward the Bearcat Sportcat (SC150). The Frequency Fan Club has this scanner for $218 with audio modification and a free extra battery pack if bought in Feb. For headsets they have the Solution I, II, and III for $59, $75, and $85, respectively. I will probably get the Solution I to keep cost down (I need to get 2 ... you know the SO). So, does this sound alright for a race setup? Any other must haves? Will two standard battery packs last a full day of scanning? They also offer a Nite-Scan modification for $25. What is this and is it worth getting?

Now, after obtaining this jem, what stategies do fans use for scanning. Do you always stay tuned to your favorite driver, MRN, what? By the way, I'm planning on using this scanner for the Richmond (NASCAR) races on March 4,5 so I need the info fairly quickly.

Thanks for any help. You can post or email.

Chris

2432. Whataver happend to the guy doing the full coverage mod for the pro 43

Newsgroup: rec.radio.scanner
Date: 1995-02-22 13:14:40 UTC
From: robert@eden.com
Message-ID: <3ifdc0$nvo@boris.eden.com>
Source record: 261058

Did anyone send a radio to him or get a copy of the mods and try it themselves.

2433. Re: OPTO456 board and RCSI Software

Newsgroup: rec.radio.scanner
Date: 1995-02-22 14:00:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.142.000E009E@ccm.hf.intel.com>
Source record: 261059

In article <3ie07r$qc9@dockmaster.phantom.com> dayglo@phantom.com (dayglo) writes:

>I just recently installed an OPTO456 board into my PRO2006 and love it.
>What I wanted to comment on here is the lack of Windows software to run
>the thing. I called RCSI (800) 560-7234 to inquire about their
>ScannerWEAR program. I became very dissappointed whenever I found out
>that the software is copy protected. It is protected in such a way that
>I cannot make a backup copy of the disk, cannot install it from a
>write-protected disk. When I asked what they would do if a virus
>infected their disk because I cannot write-protect it they seemed baffled.

>I recommend that you DO NOT BUY THIS SOFTWARE unless they at least allow
>you to make a backup copy.

>Again the company is RCSI Radio Control Systems Inc. (800) 560-7234

I'm sure you could use track by track disk duplicators like Teledisk, Diskdup,
or even Novell's DOSGEN, to make copies of the disk.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2434. Re: Where to get RadioMap ?

Newsgroup: rec.radio.scanner
Date: 1995-02-22 14:04:25 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D4En3D.1DH@ssbunews.ih.att.com>
Source record: 261052
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <brett_miller.136.000A2E26@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:

>Bob, is there a way to know ahead of time how many miles the
>map will cover? The center of the map will vary depending
>on how much distance the map covers.

The short answer is no. The long answer follows.

This week, I made changes in the way transmitter sites are
pictured and this allows me more flexibility in honoring range requests.
The picture which I furnish with RadioMap(TM) reports is still
an overlay plot drawn to scale but it no longer shows roads and bodies
of water.

Last autumn, I changed from using a circle shaped coverage area to
the current square shaped area. The term "range" means something
slightly different depending on the shape. Currently, a range of N
miles from the center means a square coverage area of 2*N by 2*N miles.
Note that for the same range, a square coverage area includes
4/pi (about 27%) more square miles than a circle shaped coverage area.

It would be best to specify the range (in miles) you would *prefer* and
I will try to honor the request for the flat rate. The more transmitter
sites there are, the more work I have to do and the more it costs me
to provide the report. That's one of the reasons I have to increase
the price. I have honored some requests for extra long range,
and restricted frequency reports, but they do cost more and
are quoted individually.

The larger the range, the more difficult it is to distinguish
one site from other nearby sites (resolution). Many folks have
requested between 2 and 4 reports, each covering different areas,
to obtain a better resolution.

As a rule of thumb for the square shaped coverage area, I found
a 4 mile range worked best in most locations.
In rural areas, I found an 8 mile range worked best.
In downtown urban areas (e.g. Manhattan, Chicago Loop), a 1 to 2
mile range worked the best.

Using the street map as background, the range was best when it was
a power of two (e.g., 1, 2, 4, 8). Since changing from a street map to
a streetless plot, I no longer have this restriction and I can
do more "fine tuning" of ranges.

I you have further questions, feel free to call me some evening
between 6PM and 10 PM CST at (708)554-3839, but please don't send e-mail.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2435. Re: Any Bearcat 3000xlt comments?

Newsgroup: rec.radio.scanner
Date: 1995-02-22 15:37:26 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D4ErEE.3A6@ssbunews.ih.att.com>
Source record: 261054
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1995Feb21.194547.17316@bnlux1.bnl.gov>,
John G. Skora <skora@bnlux1.bnl.gov> wrote:

>Can anyone comment on the new Bearcat 3000xlt handheld scanner?
>It sure looks interesting, but I'd like to hear how people
>like it before sending in a check...

I've posted this information before so forgive me if you've already
seen it.

I tested a loaner from Uniden and liked it enough to buy one for myself
from The Ham Station. Sold my PRO-43 shortly thereafter.

The 400 channel BC3000XLT portable scans and searches very quickly
and has a great Auto Store feature. Also, it covers a wider frequency
range and better audio than the PRO-43. AM, NFM, and WFM modes can
be selected independently of frequency and programmed for each
channel, as can the Attenuator.

I had less intermod with the BC3000XLT than with the PRO-43.

It's a good step up from the PRO-43 and will appeal to people
who want a high grade portable costing less than $400 or so.

Watch for a review in a future issue Monitoring Times magazine.
--

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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2436. Re: VHF-FM uTrans Schemat

Newsgroup: rec.radio.scanner
Date: 1995-02-22 20:39:11 UTC
From: Vaughan.Huska@odxabbs.tor250.org
Message-ID: <579_9502230135@tor250.org>
Source record: 261072

Hi there!

I just read your message regarding a micro FM transmitter. It stuck out as I'm currently shopping the market for an antenna to *receive* FM and in one piece of literature that came from a my Canadian distributor for a U.S. based product, it states that, "the antenna components used in the 7500 are rated such that the antenna could actually be used to transmit approximately 150 watts".

To be more specific, the product is an AudioPrism Indoor FM Antenna. Model 7500. Let's see if this brochure lists specs.....yup!

Electrical:

Antenna Configuration: J-Pole Shunt Fed, 1/2 Wave Length With Ground Plane.
Impedance: 75 ohms
Connector: "F" Type
Gain: 5.1 Dbi
Polarity: Veritcal Omni Directional
VSWR: Less than 1.9 to 1 from 88-108 Mhz

I suppose with their claim of using it as a 150 watt transmitter, you'd have to alter the electrical aspects of this antenna?

It's overall height is 89.5 inches. Tube diameter is 4 inches and net weight is 9.2 lbs.

For further info contact AudioPrism at P.O. Box 1124, Issaquah, WA 98027. (206) 392 0399 for retailer info on where to get this thing in your area.

Cheers,

Vaughan Huska (Tor., Ont., CANADA)
--
| Fidonet : Vaughan Huska 1:250/930
| Internet: Vaughan.Huska@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.

2437. Whats the best freq list on CD in Illinois?

Newsgroup: rec.radio.scanner
Date: 1995-02-22 20:48:15 UTC
From: gene@mcs.com
Message-ID: <gene.58.000AE070@mcs.com>
Source record: 260834

Im looking for the most complete frequency lisings on CD in the Chicagoland area and the burbs. I get Police call but it doesnt list things like the Electric Co,Gas Co,Cable, Etc. Any suggestions?

Thanks gene@mcs.com

2438. Looking for a scanner...

Newsgroup: rec.radio.scanner
Date: 1995-02-22 21:40:34 UTC
From: folson@prairienet.org
Message-ID: <3igb0i$p8i@vixen.cso.uiuc.edu>
Source record: 261057

Can someone tell me where I can get a scanner like the Barcat 250.
Mine is to old now and is hard to get repaired. I am looking for
one that has a search memory that I can leave on all night or so
and then transfer those frequencies to the main memory. The old
bearcat 250 had a 50 or 60 search memory.
Any help at all will be appreciated.
E-mail address is folson@prairienet.org
==========
--
Fran Olson (WB9ULS) email:folson@prairienet.org
P.O. Box 1122
Champaign, Il. 61824-1122
U.S.A.

2439. Cellular frequencies...

Newsgroup: rec.radio.scanner
Date: 1995-02-22 22:00:23 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <95053.170023DCS4@psuvm.psu.edu>
Source record: 261060

How many cellular frequencies are currently in use. I don't know much about 800 band, as my current scanner doesn't cover that band anyway, but I'm curious. I know there are only a handful (10?) cordless frequencies in the most common cordless phones...all in the 46.6 - 47 MHz range. I would think there would have to be lots more cellualr frequencies than that. All I could find for the moment indicates they exist between 824 and 848, then again between 869 and 893 MHz. - Dave

2440. Help-Any freq mods for PRO-2036?

Newsgroup: rec.radio.scanner
Date: 1995-02-22 22:20:04 UTC
From: reyb@wildcat.SanDiegoCA.ATTGIS.COM
Message-ID: <D4FA1H.M1v@lcpd2.SanDiegoCA.ATTGIS.COM>
Source record: 261061

Looking for extended frequency span mods and any others for
Radio Shack PRO-2036.

Rey

2441. Re: Scanner questions: purchase and strategy

Newsgroup: rec.radio.scanner
Date: 1995-02-22 23:41:05 UTC
From: hruska@toybox.raleigh.nc.us
Message-ID: <3igi2h$6u@toybox.raleigh.nc.us>
Source record: 260978
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

In article <9502220719.AA14797@sdbchris.sdbrt>,
Chris Sandridge <c.a.sandridge@larc.nasa.gov> wrote:
>
>Now, after obtaining this jem, what stategies do fans use for scanning. Do
>you always stay tuned to your favorite driver, MRN, what? By the way, I'm
>planning on using this scanner for the Richmond (NASCAR) races on March 4,5
>so I need the info fairly quickly.

Scanning strategy. That could be a book in itself (in fact there are
several - just not all about Winston Cup)

I have about 4 different modes that I go into during a race.

1) Listen to everybody. I program every car into a couple banks and scan
through them all. This can be entertaining, but you will usually
find yourself wondering "Who was that?"
NOTE: Using the "Priority" function of the scanner, you can combine
this method with #3 below.

2) Follow a pack. Program a pack of cars into a bank and just scan them.
You have to be ready to change the frequencies on the fly depenfing on
who is in the pack. A pack can be as small as 2 cars.

3) Follow one car. At strategic times of the race, you might want to lock
on to one particular car.

4) MRN mode. I set the search mode to scan just MRN's freq. That way,
when I want to hear them I just hit the search button and there they
are. Hit the scan button to go back to the drivers. During
commercials, MRN can be a hoot.

Of course, there are a million other aspects of scanning a race. Pit
crews, NASCAR officials, police, vendors, car phones, etc...
You have to realize you can't do it all, and narrow your focus to what you
are really interested in.

Anyone else want to share scanning strategis? I am a closet radio geek, so
this is a great way to combine two hobbies!

A
--
+---+
| Bob Hruska KE4KVQ DoD #1982 | email: hruska@toybox.raleigh.nc.us |
| Raleigh, NC | Exit the Gates of Hell - run Linux! |
+---+

2442. ANTENNAS?

Newsgroup: rec.radio.scanner
Date: 1995-02-23 00:14:06 UTC
From: jwojcik@aol.com
Message-ID: <3igk0e$r21@newsbf02.news.aol.com>
Source record: 261062

I am thinking about buying an antenna for my scanner.Radio shack has two models I'm interested in they are the 20-014 for 29.99 and the 20-013 discone ant for 59.99. If anyone has experince with either one of these models or can tell me the pros and cons I would greatly appreciate a reply.
THANK YOU, JIM

2443. Baltimore PD/FD Freq Req:

Newsgroup: rec.radio.scanner
Date: 1995-02-23 00:36:07 UTC
From: katzb@jhunix.hcf.jhu.edu
Message-ID: <3igl9n$1il@jhunix1.hcf.jhu.edu>
Source record: 261063

Does anybody have any dispatch frequencies for
Baltimore PD or FD ???

2444. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-23 01:37:47 UTC
From: wilk8090@mach1.wlu.ca
Message-ID: <D4FJ6z.n5@info.uucp>
Source record: 261064

: In a previous posting, George Gebara (bk321@FreeNet.Carleton.CA) writes:
:
: > It _is_ illegal to monitor cell and to sell scanners capable of such in
: > Canada. Canada likes to follow the American lead wherever it can.
: >

I'm curious where you got your info. Is this a NEW law? The last time I checked, cell and cordless (not to mention everything else) was perfectly legal...

Scott.

2445. Re: The City of Chicago Frequ

Newsgroup: rec.radio.scanner
Date: 1995-02-23 01:57:14 UTC
From: ebdavidson@delphi.com
Message-ID: <xlyZEXa.ebdavidson@delphi.com>
Source record: 261065

Vaughan Huska <Vaughan.Huska@odxabbs.tor250.org> writes:

>frequency information for the city of Chicago.

Try from 460 - 460.6 for the City of Chicago PD. There's a district
about every step and they're real active.

Have fun.

2446. New cordless frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-23 02:11:15 UTC
From: c570074@showme.missouri.edu
Message-ID: <c570074.42.2F4BEEC3@showme.missouri.edu>
Source record: 261066

I heard that there have been 15 new cordless phone frequencies allocated by the FCC, and they're all listed in the new edition of Police Call. However, I really can't justify spending $10 just for them (as I have the 1994 edition). Does anyone know where I can find them online, or could someone please post them? Thanks.

BTW - Does anyone know when they'll start to be used? Or if already, when did new phones start to use them? Thanks!

Chris Schlanger
Boone County Fire District
Univ. of MO School of Medicine
c570074@showme.missouri.edu

2447. Re: ANTENNAS?

Newsgroup: rec.radio.scanner
Date: 1995-02-23 03:05:04 UTC
From: ddillon@csulb.edu
Message-ID: <3igu10$b72@garuda.csulb.edu>
Source record: 261068

JWojcik (jwojcik@aol.com) wrote:
: I am thinking about buying an antenna for my scanner.Radio shack has two
: models I'm interested in they are the 20-014 for 29.99 and the 20-013
: discone ant for 59.99. If anyone has experince with either one of these
: models or can tell me the pros and cons I would greatly appreciate a
: reply.
: THANK YOU, JIM

2448. Re: Pro 2003 ????

Newsgroup: rec.radio.scanner
Date: 1995-02-23 03:13:19 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D4FnM7.J61@ssbunews.ih.att.com>
Source record: 261069
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <fdugas.92.2F4BA914@halcyon.com>,
fred dugas <fdugas@halcyon.com> wrote:

>I am looking for any info on a pro-2003 RS table top scanner.
>mods, suggestions.......?? post to the newsgroup for everyone...

From the FAQ:

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

....

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10
FM commercial broadcast band channels. Includes aircraft.
Good frequency coverage and functionality, but at a high
price. Poor human engineering: difficult to read keyboard
makes the PRO2003 hard to operate unless in a well lit
room. Keyboard label coloring improved on newer units.
Rather slow scan rate and high price. Although there are
provisions for 12VDC operation, the cabinet shape and lack
of mounting bracket makes mobile operation impractical.
Scan rate only 8 channels/sec vs. 15/sec in Regency and
Bearcat. Causes RFI: Plastic case permits scanner to
radiate signals into nearby receivers.
....

--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2449. Re: Scanner questions: purchase and strategy

Newsgroup: rec.radio.scanner
Date: 1995-02-23 03:23:41 UTC
From: vhealey@crl.com
Message-ID: <3igumk$bji@nntp.crl.com>
Source record: 260979
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

hruska@toybox.raleigh.nc.us (Bob Hruska) wrote:
>In article <9502220719.AA14797@sdbchris.sdbrt>,
>Chris Sandridge <c.a.sandridge@larc.nasa.gov> wrote:

>4) MRN mode. I set the search mode to scan just MRN's freq. That way,
> when I want to hear them I just hit the search button and there they
> are. Hit the scan button to go back to the drivers. During
> commercials, MRN can be a hoot.
>
Bob many good points. What is MRN?
Sorry if I am ignorant. I don't monitor races although my company
sponsers Mark Martin in Nascar.

Vic Healey
ki4je

2450. Re: Kerchunking fer fun

Newsgroup: rec.radio.scanner
Date: 1995-02-23 03:46:59 UTC
From: bear@tigger.cs.colorado.edu
Message-ID: <3ih0fj$hnv@csnews.cs.Colorado.EDU>
Source record: 261070
Cross-posted to: rec.radio.scanner,alt.2600,misc.survivalism

In article <torchD44EEF.FIu@netcom.com>, <torch@netcom.com> wrote:
>Bear Giles (bear@tigger.cs.colorado.edu) wrote:
>
>I don't care if you know Morse code or not, but what do any of these
>proposed exercises have to do with RADIO?

That's like asking what TV, celphones, pagers, etc., have to do with radio. No, you won't "chat" with someone, but you might have an internet feed into a remote mountain site which can't afford telephone lines in. Or into the Alaskan outback, on the tail of micrometeors.

>They don't care how
>the science works, they just want to blab. No sweat.

Yeah, but the reason the Ham Service was granted radio space was because hams have historically been the "reservior" for a lot of bright technical innovations. The chatters have a role to play also (e.g., emergency communications after major storms, earthquakes, etc.), but the "researchers" have just a valid claim to the spectrum.

>BTW, the compression exercise does have its
>application, now that I think of it, but so far not for AMATEUR radio,
>yet, anyhow. Cheers.

I remember reading about compressed video *years* ago; I drool thinking about what's possible today, with some hefty computing power on either end of the line....

Remember, think *big*. Why can't you have 2-way video, or even video conferencing? How about a variant on hypertext where you access data stored on numerous sites (not just different places in the same document or on the same computer)? Voice communications is important, but only one part of the possible uses for the (amateur) radio spectrum.

--
Bear Giles
bear@cs.colorado.edu/fsl.noaa.gov

2451. MDT Decode

Newsgroup: rec.radio.scanner
Date: 1995-02-23 04:26:32 UTC
From: Lasergod@ix.netcom.com
Message-ID: <3ih2po$d3a@ixnews2.ix.netcom.com>
Source record: 261071

I need some help trying to decode MDT transmissions, I have the freqs
and the equipment (I think) and I need some advice in putting it all
together...Please HELP....Thanx

2452. Re: Standardized data files for computer controled radios

Newsgroup: rec.radio.scanner
Date: 1995-02-23 05:34:19 UTC
From: baranowski@aol.com
Message-ID: <3ih6or$3lh@newsbf02.news.aol.com>
Source record: 261073
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Once again, Percon has done it again. In an attempt to simplify the database interchange capbilites from application-application and CD-application, Percon is introducing a new file format, Universal Frequency DataBase Format (UFDBF). The first appplication to use this will be a public domain editor released by Percon. Details about the editor will be posted as they become available. Like future CDs, the editor will be Mac and PeeCee compatible.

For more (file format) information, contact Percon at 716-386-6015.

-Mike Baranowski

2453. Re: ACCESS AR8000 PERCON CD-ROM

Newsgroup: rec.radio.scanner
Date: 1995-02-23 06:11:43 UTC
From: baranowski@aol.com
Message-ID: <3ih8uv$47t@newsbf02.news.aol.com>
Source record: 261074
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>Victor Healey Ki4je <vhealey@crl.com> posted:
>
>With the help from email suggestions I have really mastered this
>excellent CD-ROM by using ACCESS. As it comes from PERCON
>the built in dbase manager with this CD-ROM sucks (IMHO)! There
>were a variety of tricks posted last month to get the data from this
>CD-ROM in a useable format.

Victor:

I'm sorry, you say it's excellent, but you also say it sucks. I guess you mean that the front-end sucks. Sorry to hear that. I would have expected you to call Percon to voice your concerns or problems before you slam the product.

Percon has offered (for quite some time now) a US version which has a front-end that offers more search, report, and exporting capabilities. The intent of Spectrum was to provide a LOW cost source of frequencies. Additionally, the front-end was intended to be idiot proof, hence easy to use which meant less technical support calls to Percon. If someone needs more capabilites than what is available on Spectrum, then the US version is available for around $80, which is still cheaper than Groves.

-Mike Baranowski

P.S. Hey, thanks VERY much for your continued support of the 8000 via your www page!! Great work Victor!!

2454. Cell mod for TR-2400!!!

Newsgroup: rec.radio.scanner
Date: 1995-02-23 09:20:09 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3ihk09$t0h@tiger1.ocs.lsu.edu>
Source record: 260975
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've been working on a cellular band restoration for the Trident
TR-2400 scanner since I received it in the mail 4 months ago.
Nobody seemed to know much about it, as it is a relatively new
scanner, much less how to unlock the cell bands. ACE communications
was quite uncooperative when it came to my questions about the
cell lock or the possibility of buying a service manual. They sounded
like Sgt. Schultz..."I know NOTHINK!!!". I figured it was hopeless when
Bill Cheek told me he only knew of basic mods for the TR-2400, like
getting better audio quality from the speaker. If he didn't know
about a cell mod, I didn't know of anyone else who would...
A few days ago, I checked out the Javiation web page on suggestion from
Jonathan Clough w/ Javiation. There I found a reset sequence for the
TR-2400's CPU. Neither Jonathan nor I knew what difference there is
between the American and European TR-2400s, so taking a chance that
the cell lockout was software in nature, I went through the reset
proceedure. When I powered the TR-2400 back up, lo and behold, the
cell frequencies were now UNLOCKED!

So, for all those TR-2400 owners in America that want those channels,
check out http://www.demon.co.uk/javiation and look for the CPU
reset under LATEST NEWS (I think that's where it is).
And I'd like to offer a public thank you to Jonathan Clough for his
help, without which I wouldn't have accomplished much.
Dave

2455. Re: Cell mod for TR-2400!!!

Newsgroup: rec.radio.scanner
Date: 1995-02-23 09:34:51 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3ihkrr$r5e@tiger1.ocs.lsu.edu>
Source record: 260976
Cross-posted to: rec.radio.scanner,alt.radio.scanner

WHOOPS!!! The reset proceedure needs to be modified slightly as
the one printed will give you the cell bands but takes away
6MHz to 108MHz!!! It seems pretty obvious what needs to be changed,
but I wanted to post this addendum before I open my TR-2400 up again.
Dave

David B Baker (dbaker@tiger.lsu.edu) wrote:
: I've been working on a cellular band restoration for the Trident
: TR-2400 scanner since I received it in the mail 4 months ago.
: Nobody seemed to know much about it, as it is a relatively new
: scanner, much less how to unlock the cell bands. ACE communications
: was quite uncooperative when it came to my questions about the
: cell lock or the possibility of buying a service manual. They sounded
: like Sgt. Schultz..."I know NOTHINK!!!". I figured it was hopeless when
: Bill Cheek told me he only knew of basic mods for the TR-2400, like
: getting better audio quality from the speaker. If he didn't know
: about a cell mod, I didn't know of anyone else who would...
: A few days ago, I checked out the Javiation web page on suggestion from
: Jonathan Clough w/ Javiation. There I found a reset sequence for the
: TR-2400's CPU. Neither Jonathan nor I knew what difference there is
: between the American and European TR-2400s, so taking a chance that
: the cell lockout was software in nature, I went through the reset
: proceedure. When I powered the TR-2400 back up, lo and behold, the
: cell frequencies were now UNLOCKED!

: So, for all those TR-2400 owners in America that want those channels,
: check out http://www.demon.co.uk/javiation and look for the CPU
: reset under LATEST NEWS (I think that's where it is).
: And I'd like to offer a public thank you to Jonathan Clough for his
: help, without which I wouldn't have accomplished much.
: Dave

2456. Re: Cell mod for TR-2400!!!

Newsgroup: rec.radio.scanner
Date: 1995-02-23 11:13:13 UTC
From: dbaker@tiger.lsu.edu
Message-ID: <3ihqk9$h7u@tiger1.ocs.lsu.edu>
Source record: 260977
Cross-posted to: rec.radio.scanner,alt.radio.scanner

David B Baker (dbaker@tiger.lsu.edu) wrote:
: WHOOPS!!! The reset proceedure needs to be modified slightly as
: the one printed will give you the cell bands but takes away
: 6MHz to 108MHz!!! It seems pretty obvious what needs to be changed,
: but I wanted to post this addendum before I open my TR-2400 up again.

No, it doesn't take them away... only if you mess up and enter the
WRONG sequence, which is what I did. Pay attention to the UP DOWN
DOWN UP , UP UP , DOWN DOWN changes. I zoned out (it is 4am) and hit
UP DOWN every time.

So if you key it in correctly, as shown on the Javiation WWW page,
you will not lose 6 - 108 MHz...
Sorry about that, but I didn't feel like waiting until morning
to work this out, and my mind is losing edge.
Dave

2457. Please repost Pro-51 Keypad mod

Newsgroup: rec.radio.scanner
Date: 1995-02-23 18:42:22 UTC
From: YXPS09A@prodigy.com
Message-ID: <3iikue$s22@usenetw1.news.prodigy.com>
Source record: 260980

I Missed it first time around.
-
RICHARD THOMPSON YXPS09A@prodigy.com

2458. Summit County, CO freqs?

Newsgroup: rec.radio.scanner
Date: 1995-02-23 19:15:57 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Feb23.131557.28344@driftwood.cray.com>
Source record: 260981

Anyone have the freqs for Summit county, CO area?
Particularly interested in ski-patrol for Breckenridge.

Thanks in advance...

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063

2459. Re: AR8000 EEPROM PC Software INFO

Newsgroup: rec.radio.scanner
Date: 1995-02-23 19:34:24 UTC
From: daryll1@aol.com
Message-ID: <3iio00$9vl@newsbf02.news.aol.com>
Source record: 260982

Mike.... The Scan*Star Commercial version works VERY well with the AR8000. Yes, it can be used to alter ANY byte in the radio's EEPROM. After locating the correct two lines, it'll take you about 5 minutes to have an unblocked version of your AR8000.... It is a SAFE way to obtain cellular, and not risk serious problems trying to clone your AR8000 from another unblocked AR8000 (if you can find one in your area). Cloning works well if nothing goes wrong, but who wants to take that chance with a $600 radio??? To those 9 people who sent their radio in in response to my posting two weeks ago, I hope you were all pleasantly suprised when all you got charged was the $12 for FedEx return shipping for your now-unblocked radio. Happy scanning.....Daryll

2460. Re: OPTO456 board and RCSI Software

Newsgroup: rec.radio.scanner
Date: 1995-02-23 19:42:52 UTC
From: tham@husc7.harvard.edu
Message-ID: <3iiofs$c94@decaxp.harvard.edu>
Source record: 260983

dayglo@phantom.com (dayglo) writes:

>I recommend that you DO NOT BUY THIS SOFTWARE unless they at least allow
>you to make a backup copy.

>Again the company is RCSI Radio Control Systems Inc. (800) 560-7234

They are not alone. I use ScanStar Pro-edition with opto456. The original
install disk needs Serial# and Activation# in order to install the
program. I made a DISKCOPY of it for backup purposes and try to install
from that and it wouldn't work .
However, original disk does allows me to install unlimited amount of
times as long as you don't loose those numbers mentioned above which is
printed on a small piece of paper. So to be on the safe side I have one
installed on my desktop and one on laptop.

Fu KA1NUB

2461. Re: New AOR AR-2700 Info

Newsgroup: rec.radio.scanner
Date: 1995-02-23 20:07:29 UTC
From: Richard@foxfield.demon.co.uk
Message-ID: <793570049snz@foxfield.demon.co.uk>
Source record: 260984
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Frequencies on a 6.25 khz channel grid have been used in the UK for several years especially in the London area on UHF . They are commonly used for trunked repeaters. --

Richard McLachlan

2462. AR8000 Question

Newsgroup: rec.radio.scanner
Date: 1995-02-23 23:18:43 UTC
From: lwf69@aol.com
Message-ID: <3ij54j$cla@newsbf02.news.aol.com>
Source record: 260985

If anyone has the ScanStar Commercial software and an AOR-8000, and have done any memory modifications with it, please mail me, as I have a few quesions.

Thanks,
LWF69@aol.com

2463. RCMA Newsletter: Where to get it?

Newsgroup: rec.radio.scanner
Date: 1995-02-24 02:38:02 UTC
From: knight@crash.cts.com
Message-ID: <D4HGnF.Dx@crash.cts.com>
Source record: 260986

Well the title says it all. Where can I get the RCMA Newsletter?
Can it be bought at local magazine stands. Also, where can I get
back-issues (specfically January:). Also...what is the RCMA Newsletter
about, and what does it stand for. Thanks!

Jonathan Bulliung
Knight@ctsnet.cts.com

2464. Re: used scanners/sf bay area

Newsgroup: rec.radio.scanner
Date: 1995-02-24 02:43:15 UTC
From: WWTV28A@prodigy.com
Message-ID: <3ijh43$4udu@usenetp1.news.prodigy.com>
Source record: 260987

Let me suggest Scanners Unlimited in San Carlos. They are located at 1199-A Laurel Street, and their phone number is 415-573-1624. Glen is the owner. I'm sure there are probably one or two others, but this is the one I'm most familiar with. What about Radio Shack? Do they ever sell used equipment?

-Matt-

2465. Re: Scanner questions: purchase and strategy

Newsgroup: rec.radio.scanner
Date: 1995-02-24 02:46:23 UTC
From: wwest@amiserv.xnet.com
Message-ID: <3ijha0$con@flood.xnet.com>
Source record: 260988
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

Chris Sandridge (c.a.sandridge@larc.nasa.gov) wrote:
: I'm about to purchase a scanner for auto racing and I want some advice from
: experienced listeners.

: I am leaning toward the Bearcat Sportcat (SC150). The Frequency Fan Club has
: this scanner for $218 with audio modification and a free extra battery pack
: if bought in Feb. For headsets they have the Solution I, II, and III for
: $59, $75, and $85, respectively. I will probably get the Solution I to keep
: cost down (I need to get 2 ... you know the SO). So, does this sound alright
: for a race setup? Any other must haves? Will two standard battery packs
: last a full day of scanning? They also offer a Nite-Scan modification for
: $25. What is this and is it worth getting?

: Now, after obtaining this jem, what stategies do fans use for scanning. Do
: you always stay tuned to your favorite driver, MRN, what? By the way, I'm
: planning on using this scanner for the Richmond (NASCAR) races on March 4,5
: so I need the info fairly quickly.

: Thanks for any help. You can post or email.

: Chris

I don't know the tech specs for that particular as I have a
Bearcat 200XLT. The 200XLT is an excellent scanner, with 200
channels, vhf and uhf frequencies. Some drivers use 800Mhz and
not all scanners can pick these up.
One battery fully charged should be able to get you through
one race. If you are there for a full race weekend you will need
to recharge the battery overnite. So if you're camping you'll need
a cigarette lighter adapter for charging.

As far as headphones, I use a pair of shooters earmuffs. They can
be bought at any large sporting goods chain and *very* good ones
cost about $30. I then tore apart a pair of cheap walkman type
phones and inserted them inside the earcups. You can now get
"in the bud" type earphones which eliminate the need the tear
apart step. I fastened some of the wire to earmuffs with tape
for convience.
lastly, I got a mono to stereo jack from Radio Shack. Couple of bucks.

Not as fancy as the Solution headphones but you can put together
the whole thing for less than $30 and they are just as if not more
effective at blocking out the noise.

Good Luck.

--
****
Have a cigar, You're gonna go far. - Pink Floyd

2466. Public Service MDT's

Newsgroup: rec.radio.scanner
Date: 1995-02-24 04:41:00 UTC
From: n8myo2@oeonline.com
Message-ID: <D4HMCC.C9v@oeonline.com>
Source record: 260989

Hello, the question I have is for a friend of mine who wanted me to pose this question to those scanner buff's out on the net.

Has anyone ever heard of a way with some sort of controller attached to a PC, have the ability to decode the MDT (Mobile Data Terminal) transmissions?

Thanks in advance...

n8myo2@oeonline.com

2467. Re: Does Anybody Know FTP-Sites in Germany ?

Newsgroup: rec.radio.scanner
Date: 1995-02-24 05:18:49 UTC
From: vhealey@crl.com
Message-ID: <3ijpqb$hqs@nntp.crl.com>
Source record: 260990

student@chemie.uni-oldenburg.de (Student) wrote:
>
> Hello in this Corner of News !
>
> The only Question i have is if Anybody here knows where a FTP-Site is
> where there is anny Stuff about Scanners like AR3000 or AR8000 in
> Germany by the Side??

Henry if you can read English and if you can view HTML files from the www,
you may want to check

ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

I think there are about 117 files on the ar8000 and closely related
subjects there last time I counted.

73

Vic Healey ki4je

2468. WANTED: MODS FOR 100XLT

Newsgroup: rec.radio.scanner
Date: 1995-02-24 05:33:59 UTC
From: FELTON@UHAVAX.HARTFORD.EDU
Message-ID: <3ijr47$n3o@ipgate.hartford.edu>
Source record: 260991

Could someone please send me ANY mods for the 100XLT Scanner by Uniden.

I'd be very appreciative. Please send them via e-mail if possible.

Thank you,
David

FELTON@UHAVAX.HARTFORD.EDU

2469. Re: Scanner questions: purchase and strategy

Newsgroup: rec.radio.scanner
Date: 1995-02-24 05:54:30 UTC
From: warbeck@roanoke.infi.net
Message-ID: <warbeck.10.004014FB@roanoke.infi.net>
Source record: 260992
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

In article <D4InrD.66q@sun2.iusb.indiana.edu> dbarkley@sun1.iusb.indiana.edu (Super Dave!) writes:
>From: dbarkley@sun1.iusb.indiana.edu (Super Dave!)
>Subject: Re: Scanner questions: purchase and strategy
>Date: Fri, 24 Feb 1995 18:09:12 GMT

>Chris Sandridge sent zipping through cyberspace:
>: I'm about to purchase a scanner for auto racing and I want some advice from
>: experienced listeners.

If you keep tuned to MRN that is all you'll hear because they broadcast non-stop. I program MRN into an unused channel that is easy to remember, then lock it out. That keeps it from stpping on that channel. Then if something happens that you want to hear what Eli and the boys have to say about it, you just hit the "manual" key and enter the channel number and you get MRN. It also is handy to keep up with the race if you don't have 500 mile kidneys :-)

2470. Re: AR8000 for trade or sale

Newsgroup: rec.radio.scanner
Date: 1995-02-24 09:04:11 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.375.002F68B5@mail.mei.com>
Source record: 260896

In article <3ih3r1$dh1@ixnews2.ix.netcom.com> OpenOp@ix.netcom.com (Steven Skindell) writes:

>I have a AR8000 for trade of for sale. Would like to trade for old icom
>r1 scanner.

This is a joke, right??

I wouldn't trade an AR8000 for TWO BRAND NEW ICOM R1 scanners.

--
kevin.jessup@mail.mei.com I prefer encrypted Email.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

mQBtAy6xQoIAAAEDANWotpS8v8KNdmknrQYlpWfmzIhQrQVQwh2xy5HXL2qr4I76
krv3RTe7ZsjEy22+0dVUxEiOvNx/I1MgLBT0U1/uZ6p+iqLt0Cgx41l8qxP6fLf9
s9KOxDRqARv5zlqGBQAFEbQuS2V2aW4gUGV0ZXIgSmVzc3VwIDxrZXZpbi5qZXNz
dXBAbWFpbC5tZWkuY29tPg==
=TpFI
-----END PGP PUBLIC KEY BLOCK-----

2471. Re: New AOR AR-2700 Info

Newsgroup: rec.radio.scanner
Date: 1995-02-24 09:39:10 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <793618750snz@javiaton.demon.co.uk>
Source record: 260993
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <brett_miller.143.000F1976@ccm.hf.intel.com>
brett_miller@ccm.hf.intel.com "Brett Miller - N7OLQ" writes:

Morning brett,

> I could not locate any AR2700 info on your Web page!? Is it there?

There was a slight "delay" in posting the message to usenet and our
pages being updated. Its there now. Home/Index page last updated 22 Feb,
more over the weekend I hope.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \--
Internet : Clough@javiaton.demon.co.uk
\--/

2472. Re: Who owns the cell frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-24 13:34:47 UTC
From: vhealey@crl.com
Message-ID: <3ikms7$5g@nntp.crl.com>
Source record: 260994
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Brian Chase <chase@vision1.engr.utk.edu> wrote:

>new PRO-62 owners. I have a mod that snaps on and off. I can
>use it with any scanner. Now, since I live in a moderate sized
>city, let's say the size of Knoxville, TN. It is going to be hard
>to track frequencies from cell to cell as the cars move. It would
>be nice to know whether or not the FCC has granted a seperate
>block for ATT, Cellular One, etc. Or, if they are all jumbled
>together. Perhaps the scheme is the same nationwide. Tell me
>what you know. It will sure make listening a lot more interesting
>if I could hear the end of the stories or the punchlines in the
>jokes instead of click, static.

You may want to examine docs from my collection. A page under construction points
to some of the information you need. Careful reading of the design of the cell
sytem shows you that there are only a few frequencies an active cell can hand off to.
If your radio is similar to the AR8000 there are ways to program it so you can
jump to either of the two sets of frequencies the target jumped to.

URL ftp://FTP.CRL.COM/users/ro/vhealey/www/cellular.html

The information presented there isn't (hey this is how you do it!)
but it gives you what you need to know to do what I mentioned if
you put it all together. I don't advocate anyone monitoring the cell
system unless they are in law enforcement and authorized to do so.

Vic Healey Ki4je

Check out new additions to ar80000 information and more
ftp://FTP.CRL.COM/users/ro/vhealey/www/whatsnew.html

*** Get in on Limited Win95 March Pre Release ***
*** You need to be on Microsoft's Winnews Email List ***
ftp://FTP.CRL.COM/users/ro/vhealey/www/winnews.html

2473. BC2500XLT Cell Mod misleading

Newsgroup: rec.radio.scanner
Date: 1995-02-24 14:30:56 UTC
From: rrustin@robins.af.mil
Message-ID: <3ikqj0$o5v@wrdis02.robins.af.mil>
Source record: 260995

My last post might have been misleading. I don't actually want to LISTEN to cellular ;-) This is for testing and experimental purposes only. Can this unit be modded? If so how.

Thanks,
Randy

2474. Re: BC220XLT mod?

Newsgroup: rec.radio.scanner
Date: 1995-02-24 16:01:23 UTC
From: "Kent C. Brodie" <kcb@post.its.mcw.edu>
Message-ID: <Pine.ULT.3.90.950224095940.3275A-100000@post.its.mcw.edu>
Source record: 260996

On Thu, 23 Feb 1995, Jean-Francois Theoret wrote:

> cellular band. It works. Here's what I received:
>
> ||On the BC220XLT you can hear some of the Cellular Band between 894.050
> ||and 915.600,. its not the complete band , but a good part of it. What you
> ||are actually listening to the Image, of the original Frequency, which was
> ||blocked out. Just add 21.6mhz to the known Frequency, and that should get
> ||you the Image portion of it. All without any modification. And sounds
> ||as good as the actual Freq. Happy montioring, Steve

Jesus, so THAT's what I'm hearing. I picked up on several frequencies
last night, all in the 897.xxx range. I thought all I was hearing
were some expensive cordless phones. (which is right, in a sense...).

Is the cellular 'image' common only to bearcat scanners...?

Kent C. Brodie - Sr. Systems/Network Manager brodie@post.its.mcw.edu
Information Technology Systems
Medical College of Wisconsin (414) 456-5080

2475. Re: Cellular frequencies...

Newsgroup: rec.radio.scanner
Date: 1995-02-24 16:04:46 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Feb24.160446.6908@news.csuohio.edu>
Source record: 260997

DCS4@psuvm.psu.edu (Dave Shaffer) writes:
: How many cellular frequencies are currently in use. I don't know
: much about 800 band, as my current scanner doesn't cover that
: band anyway, but I'm curious. I know there are only a handful (10?)
: cordless frequencies in the most common cordless phones...all in
: the 46.6 - 47 MHz range. I would think there would have to be
: lots more cellualr frequencies than that. All I could find for
: the moment indicates they exist between 824 and 848, then again
: between 869 and 893 MHz. - Dave

There are about 830 pairs of cellular channels. (849 - 824) / 0.03 ~= 833
Of each pair, spaced 45Mhz apart, the lower one is mobile, upper one is
base (i.e., the cell tower). Channels are spaced 30kHz apart.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2476. Re: Summit County, CO freqs?

Newsgroup: rec.radio.scanner
Date: 1995-02-24 16:15:36 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Feb24.161536.7315@news.csuohio.edu>
Source record: 260998

jbadger@poplar110.cray.com (Jon Badger) writes:
:
: Anyone have the freqs for Summit county, CO area?
: Particularly interested in ski-patrol for Breckenridge.
:
For the benefit of all:

Breckenridge -

151.685 (base/mobile)
461.300 (repeater)
461.500 (repeater)
461.525 (mobile)
461.825 (repeater)

I don't remember which one is used for what, but mostly you
hear chit-chat between ski lift operators, some ski patrol,
and general administrative stuff. Sorry, don't have
Breckenridge PD or FD. Could probably find it in the Colorado
Police Call at some RS out there.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

2477. Re: marine vhf

Newsgroup: rec.radio.scanner
Date: 1995-02-24 16:40:58 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3il26q$s4d@mailer.fsu.edu>
Source record: 260999

Some one awhile back asked for the maritime frequencies. I posted an
incomplete list. Here is a new list I received from Neil.
N.Schultheiss (ncschult@vela.acs.oakland.edu).

Maritime Frequencies

CH.#/ Freq.

01 156.050 commercial 05 156.250 comm.
06 156.300 intership safety 07 157.350 comm.
08 156.400 intership safety 09 156.450 non-comm.
10 156.500 comm. 11 156.550 comm
12 156.600 port operations 13 156.650 port operations
14 156.700 comm. 14 167.700 comm.Grt.lakes ???
15 156.750 environmental 16 156.800 calling/distress
17 156.850 admin/enforcement 18 156.900 comm.
19 156.950 comm. 20 A 161.600 p.o.
20 157.000 p.o. 21 157.050 C.G.
22 157.100 C.G. 23 157.150 C.G.
24 161.800 Radio telephone 25 161.850 R.t.
26 161.900 R.t. 27 161.950 R.t.
28 162.000 R.t. 63 156.175 comm.
65 156.275 p.o.
66 156.325 p.o. 67 156.375 comm.
68 156.425 non-comm. 69 156.475 non-comm.
70 156.525 non-comm. 71 156.575 non-comm.
72 156.625 non-comm. 73 156.675 p.o.
74 156.725 p.o. 77 156.875 comm.
78 156.925 non-comm. 79 156.975 comm.
80 157.025 comm. 81 157.075 C.G.
82 157.125 C.G. 83 157.175 C.G.
84 161.825 R.t. 85 161.875 R.t.
86 161.925 R.t. 87 161.975 R.t.
88 157.425 comm.

83.B.161.775 C.G.
21.B.161.650 C.G.

* Not all channels used in all areas.

Low power on board communications

457.525 457.550 457.575 457.600 467.750 467.775 467.800 467.825

Automated Maritime telecommunications system (AMTS) voice, fax and teletype
---
216.0125 through 219.9875 (12.5 kHz steps) channels 101-180

Maritime freq. from the consolidated list

C.G. Auxilary/ C.G.

143.280 143.875 148.305 148.825 165.3375 165.3125 164.300 165.2625

Tactical

162.125 162.325 163.125

Cutter 232.100
Search & rescue 237.900
Air/sea rescue 287.800
C.G. 381.800 (helicopter this area)
C.G. secondary 383.900
C.G. reserve 30.36 30.38

C.G. 30.33 30.41 32.19 34.01 40.40 41.21 41.23 41.70
41.71 41.75 41.83 41.85 162.125 (tac) 162.325 (tac)

162.225 162.5625 163.125 164.550 164.9875 165.2125
172.300 172.400 407.625 407.925 407.975 409.825
410.125 419.650

P.O. 161.600

By N.Schultheiss (ncschult@vela.acs.oakland.edu)
Please send additions or corrections, feel free to repost.

--

--

------------==
------------========== |
----------========== | naus@cs.fsu.edu
----------========== James | naus@freenet.fsu.edu
----------========== Naus |-----------------------------------
----------========== | F S U
------------========== | Tallahassee, Florida USA
------------==

2478. ANTENNAS?

Newsgroup: rec.radio.scanner
Date: 1995-02-24 17:04:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.11830.1974@uchoice.com>
Source record: 261000

JW>I am thinking about buying an antenna for my scanner.Radio shack has two
>models I'm interested in they are the 20-014 for 29.99 and the 20-013
>discone ant for 59.99. If anyone has experince with either one of these
>models or can tell me the pros and cons I would greatly appreciate a
>reply.

Both of those are omni directional. If you don't want to use a rotor,
the 20-013 (discone) would probabaly be the best bet.
If you want a super antenna with a lot of gain, (but very directional)
that you MUST use a rotor with, how about a television antenna turned so
it has vertical polarity? I use the VU-210XR (15-2157) for $129.99. It
is a fringe TV antenna. It's big (190 inches long). But it is a heck of
an antenna. I can pick up the low power pit to car radios (450 Mhz) at
the Indy 500 track from about 30 miles. Also the 800 Mhz. At the other
end of the price range, RS also has the UV-75XR (15-2151) for $29.99. It
is very directional and also requires a rotor. Either of these will give
more gain than an omnidirectional antenna. The price you pay is that you
have to point the antenna at the transmitting antenna and you will be
blind to weak signals you are not pointed towards.
Everything has its up side and down side.
Hope this helps.
John
john.avery@uchoice.com

• SLMR 2.1a • The man who dies with the most toys ... is dead

2479. Re: Scanner questions: purchase and strategy

Newsgroup: rec.radio.scanner
Date: 1995-02-24 18:09:12 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <D4InrD.66q@sun2.iusb.indiana.edu>
Source record: 261001
Cross-posted to: rec.autos.sport.nascar,rec.radio.scanner

Chris Sandridge sent zipping through cyberspace:
: I'm about to purchase a scanner for auto racing and I want some advice from
: experienced listeners.

I've never needed more than the one batt; however, I'm using the BC200XLT.
I don't see why Uniden would build a scanner with LESS run time than it's
predicesor. I can't help you with the headphones. I just use a pair of
earphones and my hearing protectors from shooting.

: Now, after obtaining this jem, what stategies do fans use for scanning. Do
: you always stay tuned to your favorite driver, MRN, what? By the way, I'm
: planning on using this scanner for the Richmond (NASCAR) races on March 4,5
: so I need the info fairly quickly.

I set up all my channels before I go with my favorite driver as the primary
channel. Sometimes I'll program the channel number with the freq. of that
car. You have to paly around at the track to do this though, because you need
to find out which channel each team is using that day. i.e. My scanner stops
on channel 17 freq. XXX.XXXX and I know it good ol' DW I'm listening to.

--
_/_/_/ _/ _/_/_/ _/ _/ _/ _/_/_/ _/ _/
These words of _/ _/ _/_/ _/ _/ _/ _/ _/ _/ _/ _/
wisdom brought _/_/_/ _/ _/ _/_/_/ _/_/ _/ _/_/_/ _/_/
to you by... _/ _/ _/_/_/_/ _/ _/ _/ _/ _/ _/ _/
_/_/_/ _/ _/ _/ _/ _/ _/ _/_/_/ _/_/_/ _/
Indiana University : Back to school after all these years!

2480. Re: Any Bearcat 3000xlt comments?

Newsgroup: rec.radio.scanner
Date: 1995-02-24 21:51:01 UTC
From: jjk9@epix.net
Message-ID: <NEWTNews.11149.793666427.jjk9@epix.net>
Source record: 261002
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have just purchased a BC 3000xlt and found it to be the best one I have owned to date. Set-up was simple enough for the features included.
jjk9@epix.net

2481. AR8000 vs R1

Newsgroup: rec.radio.scanner
Date: 1995-02-25 02:35:48 UTC
From: OpenOp@ix.netcom.com
Message-ID: <3im524$otg@ixnews1.ix.netcom.com>
Source record: 261003

I like the ICOM R1 better than the AR8000 .. for my needs it is more useful of a radio. I don't need 1000 channels .. I only need maybe 50 - 60 channels to scan. I just purchased the larger battery for the scanner and a quick charger.

For home scanning I prefer the ICOM 7100 with a Rs232 computer interface -- there is no comparison using this radio with any other scanner out there (including 10 AR8000's).

Have fun scanning everybody!

2482. Re: AR8000, Cheap Casing

Newsgroup: rec.radio.scanner
Date: 1995-02-25 04:08:51 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.231.002F4EF6@dpm3.seanet.com>
Source record: 261004

In article <brett_miller.147.0011111E@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>The main reason is probably "economies of scale". They sell a
>lot more Ham HTs, than scanners, so in order for AOR to make a profit, they
>cut corners.

Well, another reason is that ham HT's require some decent metal to act as a heat sink while transmitting. MY DJ-580 has a solid metal back and it gets pretty warm transmitting on "High" power. I can only imagine the effect on a plain plastic case. The metal gives it nice heft and may provide more durability, but isn't necessary on a receive-only scanner.

==========
Dan Morisseau, N7ZXL Auburn, WA 47.17'16"N 122.11'40"W Elev. 300'
GEnie:D.Morisseau Internet:dpm3@dpm3.seanet.com (pref) OR dpm3@prostar.com
==========

2483. Re: WWOR segment on phone snooping

Newsgroup: rec.radio.scanner
Date: 1995-02-25 04:15:41 UTC
From: ron@mail.htp.com
Message-ID: <3imatd$kc2@news.htp.com>
Source record: 261005

> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
> Did anyone catch the cellular/cordless eavesdropping segment on WWOR news last
> night?
Jerry,
I did catch the piece last week. It was done well, but basically told nothing new. Showed how scanners can
catch cordless and celluar frequencies, and drove home the warning that any wireless telephone communication
is definitely not secure. Nicely done, though.
Ron ron@mail.htp.com

2484. Pro-23 (800MHz area frequencies)

Newsgroup: rec.radio.scanner
Date: 1995-02-25 05:20:47 UTC
From: XHCJ28B@prodigy.com
Message-ID: <3imenf$oo2@usenetp1.news.prodigy.com>
Source record: 261006

I bought a Pro-23 and there are some frequencies missing in the 800MHz area. They are from 823.9375 to 851.868.9375 and then again from 868. 9375 to 896.1125.

But my question is, why are these missing.
Is it a cost/production thing?
Or is it where some Cellular frequencies are ?
Are there scanners w/o these areas missing ?

Any help appreciated...

-
MICHAEL ROTHERMEL XHCJ28B@prodigy.com

2485. Help in Canada ?? (Cell)

Newsgroup: rec.radio.scanner
Date: 1995-02-25 07:33:50 UTC
From: semana@cs.concordia.ca
Message-ID: <3immgu$g8j@newsflash.concordia.ca>
Source record: 261007

Hi, I am very new at all of this, and I would like some advice.

I would like to buy a scanner to get cellular and cordless phone frequencies.
my questions are :
- What models do you suggest ?

- Where can I puchase one in Montreal (if you know) ?

- how do I know if the scanner has cell frequencies
blocked out or not ?

Thanks in advance for your help.

2486. Re: WTB: Pro 2004,2006, Etc.

Newsgroup: rec.radio.scanner
Date: 1995-02-25 13:52:17 UTC
From: Bob.Horvath@Microserve.com
Message-ID: <95022549937@microserve.com>
Source record: 261016

```
>Path: nuclear.microserve.net!news5.sprintlink.net!news.sprintlink.net!news.rain
>.org!coyote.rain.org!not-for-mail
>From: woodman@rain.org (Woodman)
>Newsgroups: rec.radio.scanner
>Subject: WTB: Pro 2004,2006, Etc.
>Date: 20 Feb 1995 17:59:28 -0800
>Organization: RAIN Public Access Internet (805) 967-RAIN
>Lines: 7
>Distribution: NA
>Message-ID: <3ibhe0$lqm@coyote.rain.org>
>NNTP-Posting-Host: coyote.rain.org
>X-Newsreader: NN version 6.5.0 (NOV)
>
>I'm looking to buy a Raido Shack scanner 2004 through 2006 series with
>the full 800 band. E-mail with description, condition and price.
>--
>-- | ComputerFOCUS
>Michael H. Woodill |
>(805) 681- 8343 | Software Training For The Tri Counties Since 1988
>woodman@rain.org | Novell Authorized Education Center
I have a Pro-2004 for sale.....if interested e-mail me at bob.horvath@microserve
.com
```

2487. Future Ontario Freq. WEB

Newsgroup: rec.radio.scanner
Date: 1995-02-25 14:30:11 UTC
From: Wally.Chopyk@odxabbs.tor250.org
Message-ID: <a89_9502251126@tor250.org>
Source record: 261017

```
-> I am interested in creating a Ontario Scanner WEB page for quick and
-> accurate frequencies for emergency services mostly.

Ron, per your request, I am offering the following frequencies used by
the Durham Region Police...

139.6800
142.1850 Very active
142.5900 some activity
142.6200
142.7700 some activity
142.8150

Regards from Scarborough, Ont..... Wally
--
| Fidonet : Wally Chopyk 1:250/930
| Internet: Wally.Chopyk@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.
```

2488. Re: AR8000 vs R1

Newsgroup: rec.radio.scanner
Date: 1995-02-25 14:31:00 UTC
From: heglowstein@bix.com
Message-ID: <3inev4$pbh@news1.delphi.com>
Source record: 261008

WA1OMM (wa1omm@aol.com) wrote:
: The problem I had with the R1, and the reason I dumped it, was the
: horrendous selectivity which made it impossible to monitor local services
: like PD. A signal on 460.1 would halt the scanner on 460.2. In Boston, it
: was even worse in Boston where there are several PD channels in the 460.2
: to 460.5 range.

: It's too bad Icom didn't pay more attention to those "tiny" details.

: 73, Paul WA1OMM

: Compuserve: 70411,626
: Satellite: KO-23 and KO-25
: Packet: WA1OMM@KB4N.NH.NOAM
Out in the woods, away from the city, I don't have that problem
with my R1. The sensitivity could be better on some of the
public service bands, but it often picks up stuff better than
some of the other radios I have. I played briefly with an AR8000
and the R1 (at least in this relatively quiet RF environment)
pulled in more signals.

Given the R1's solid construction, small size and adequate
performance, I wouldn't trade mine, but then I'm not in Boston,
surrounded by tons of activity.

The search speed is kind of frumpy though and It sure would
be nice to have a backlit keyboard.

2489. For Sale: AOR 1000 channel scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-25 15:02:38 UTC
From: nrfrazie@eos.ncsu.edu
Message-ID: <3ingqe$slc@taco.cc.ncsu.edu>
Source record: 261009
Cross-posted to: triangle.forsale,rec.radio.scanner,alt.radio.scanner,rec.radio.swap

```
FOR SALE

AOR AR1500 Wide Range Monitor

- Handheld unit with protective cover
- BFO for single-sideband decoding
- 1000 channels, 10 banks
- continuous coverage from 500kHz to 1300MHz
- search, scan, and manual modes
- selectable AM, FM, FM-Wide demodulation
- Includes:
2 antennae
AC adapter
rechargeable battery pack
adapter pack for alkaline batteries

$400 firm
reply to nrfrazie@eos.ncsu.edu
--
-----
Nicholas Reid Frazier Life in moderation, the middle path.
'Once you realize life is futile, you can start enjoying it.' -M. Fridman
```

2490. For Sale: Sangean Shortwave Radio

Newsgroup: rec.radio.scanner
Date: 1995-02-25 15:04:12 UTC
From: nrfrazie@eos.ncsu.edu
Message-ID: <3ingtc$sli@taco.cc.ncsu.edu>
Source record: 261010
Cross-posted to: triangle.forsale,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave,rec.radio.swap

FFOR SALE

Sangean ATS-803A World Band Reciever

- PLL tuning
- continuous AM/AM-wide coverage from 150-29999kHz
- FM stereo coverage from 87.5-108MHz
- BFO for single-sideband decoding
- S-meter, digital freq. display
- Rotary or pushbutton tuning
- bunch of bells and whistles
- Includes:
AC adapter
shoulder strap
earphones
Radio Shack amplified shortwave antenna
Radio Shack portable longwire antenna

Make offer
reply to nrfrazie@eos.ncsu.edu
--

Nicholas Reid Frazier Life in moderation, the middle path.
'Once you realize life is futile, you can start enjoying it.' -M. Fridman

2491. Create alt.radio.scanner.uk

Newsgroup: rec.radio.scanner
Date: 1995-02-25 15:07:36 UTC
From: paul@termcon.demon.co.uk
Message-ID: <303452844wnr@termcon.demon.co.uk>
Source record: 261011
Cross-posted to: alt.config,alt.radio.scanner,rec.radio.scanner

I proposed this news group 5 weeks ago, I have since received 92 emails

86 for creation
5 Doubtfull (Different names uk.radio.scanner etc)
1 Against

Therefore, if no one else objects I will create this group

Posted to alt.config alt.radio.scanner rec.radio.scanner

(Follow up set to alt.config)
-
Paul Jones
Email:paul@termcon.demon.co.uk PGP2.6 Key Available on Request

2492. Re: Crystals $4.98 call 1-800-THE-SHACK

Newsgroup: rec.radio.scanner
Date: 1995-02-25 16:07:20 UTC
From: tham@husc7.harvard.edu
Message-ID: <3inkjo$je@decaxp.harvard.edu>
Source record: 261012

robert@eden.com (Robert Barker) writes:

>If you are looking for scanner crystals.. call Radio Shack and They are
>$4.98 with no shipping..

That's not a bad price. Are Radio Shack crystals compatiable to which
type of Scanner? Regency or Bearcat? or does it matter?

Thanks

Fu

2493. Re: AR8000, Cheap Casing

Newsgroup: rec.radio.scanner
Date: 1995-02-25 18:41:14 UTC
From: georgec@pic.net
Message-ID: <3intka$e4c@gandalf.pic.net>
Source record: 261013

In article <3ih67d$3gd@newsbf02.news.aol.com>, rotnapple@aol.com (RotnApple) says:
>my AR8000 was nearly $650, and looks cheap compared to the new
>Kenwood, Yeasu, Icom radios.

Yeah, but we bought 'em...didn't we. Confirming to their marketing
Jake's that the case is adequate...

-G

2494. Re: Plectrons

Newsgroup: rec.radio.scanner
Date: 1995-02-25 18:44:57 UTC
From: tomswisher@aol.com
Message-ID: <3intr9$839@newsbf02.news.aol.com>
Source record: 261014

Do you need the Plectron tones or the Motorola tones? They are different.
Plectron used a lot of even tone freqs such as 910.0 and 992.0, while
Motorola uses odd freqs such as 349.0 and 1357.6.

Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

2495. Re: WARNING-Don't waist your time or money on ACE COMMUNICATIONS!

Newsgroup: rec.radio.scanner
Date: 1995-02-25 18:45:59 UTC
From: watergate1@aol.com
Message-ID: <3intt7$83v@newsbf02.news.aol.com>
Source record: 261015

I'm not sure that ACE is as big as everyone might think - or as big as they want you to believe. As for writing the owner of the company - been there, done that - no success. It is my understanding that a number of complaints have been filed with the BBB as well as the Indiana Attorney General's Office.

2496. Cellular phone channels and frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-25 22:11:43 UTC
From: XHCJ28B@prodigy.com
Message-ID: <3io9uv$82i@usenetp1.news.prodigy.com>
Source record: 260865

Would anyone out there care to explain to me how cellular phones work ?

How far is the range of a cell, and how many channels are there in each one?
Would one phone be pre-disposed to use certian channels, or is it random.

Are certian channels inheritly stronger within one area of a cell, vs. another?
Is it possible for one phone to be on two channels at once, or just when it switches cells ?

Thanks

-
Mike
XHCJ28B@prodigy.com

2497. Scanner Info

Newsgroup: rec.radio.scanner
Date: 1995-02-26 04:32:19 UTC
From: beatty@marlin.nosc.mil
Message-ID: <1995Feb26.043219.9934@nosc.mil>
Source record: 261018

I have a 580XLT scanner and want to update because some local services have gone to a 800MHZ trunking system. I also want military air. Cel would be nice but I am sort of neutral. Generally want base unit but hand held is OK. Want to spend in the $300 to $350 range. Thinking about 890XLT but a bit worried about Intermod problems. Radio Shack PRO43 also looks good. Would appreciate any advice. Either E-mail or here will be fine.

2498. Baltimore Pd/fd Freq Req:

Newsgroup: rec.radio.scanner
Date: 1995-02-26 04:38:00 UTC
From: Ken.Fowler@f239.n109.z1.fidonet.org
Message-ID: <a17_9502271325@blkcat.fidonet.org>
Source record: 261022

>>>From: katzb@jhunix.hcf.jhu.edu (BRIAN H. KATZ)
>>>Newsgroups: rec.radio.scanner
>>>Organization: Johns Hopkins University
>>>Reply-To: chief@jhu.edu

>>>Does anybody have any dispatch frequencies for
>>>Baltimore PD or FD ???

154.310 - Dispatch
154.445 - Dispatch to Station Radio Rooms
154.415 - EMS
154.145 - Fireground

Police are in the 453mhz range.

Ken

* OLX 2.2 * Breaking News Network-FIRE/POLICE/EMS/1-800-826-0655

Fidonet: Ken Fowler 1:109/239
Internet: Ken.Fowler@f239.n109.z1.fidonet.org

2499. Is this list any good?

Newsgroup: rec.radio.scanner
Date: 1995-02-26 07:55:10 UTC
From: adehart@ecst.csuchico.edu
Message-ID: <3ipc4u$2cu@charnel.ecst.CSUChico.EDU>
Source record: 261019

This is a frequency list that I got off an ftp site somewhere, don't remember exactly where now. Well anyway if anyone here could look at it and tell me how accurate it is, I know some of it is because I have used it to find some local police frequencies that I didn't know about before. Anyways any help is appreciated.

All Frequencies are in MegaHertz (MHz)

~~~~~~

30.010-30.550 US Government/Army/Navy/Air Force/Coast Guard
32.010-32.510 US Government/Army/Navy
32.650-32.990 US Air Force/US Navy
33.020-33.120 Special Emergency/Highway Maint
33.420-33.980 Fire
34.010-34.990 US Government/Coast Guard/Army/Navy
36.490-36.990 US Army/Navy/Air Force/Government
37.020-37.420 Police/Polic mobile
37.900-37.980 Highway Maint/Special Emergency
38.270-38.950 US Government/Navy/Army
39.020-39.980 Police/Police Mobile/Public Service
40.050-41.990 US Army/Air Force/Government/Navy
42.020-45.900 Police/Police Mobile
45.920-46.040 Special Emergency/Police
46.060-46.500 Fire
46.670-46.930 US Government
47.420 Red Cross
47.440-47.680 Special Industry/Special Emergency
47.700-48.540 Power and Water
48.560-49.500 Forest Products/Petroleum Products
49.690-49.810 US Army
49.830 NASA
136.000-138.000 Satellite
144.000-148.000 Amateur 2 Meters
148.000-150.775 DoD
150.775-150.790 Medical Low Power
150.815-151.130 Auto Emergency
151.145-151.475 Forestry Conservation
151.490-151.595 Special Industrial
151.655-151.955 Business
152.0075 Medical Paging
152.270-152.465 Taxi Base
152.480 Business Paging
152.870-153.395 Industrial
153.410-153.715 Water and Power Utilities
~~~~~~

153.740-143.115 Local Government Mobile/Fire
154.130-154.445 Fire
154.650-154.950 Police Mobile/Police/State Police
154.965-155.145 Local Government
155.160-155.310 Special Emergency
155.325-155.400 EMS Hospital
155.410-155.700 Police
155.715-156.030 Local Government
156.045-156.240 Highway Maint Mobile/Police Mobile
156.275-157.025 Maritime Limited Coast Private Ch. 10-80
156.300 Maritime Shipboard Ch. 06
156.525 Maritime Shipboard Ch. 70
156.625 Maritime Shipboard Ch. 72
156.875 Maritime Shipboard Ch. 77
157.050-157.175 Maritime Government Ch. 21-23, 81-83
157.200-157.4000 Maritime Public Coast (Telco) Ch. 24-87
157.425 Maritime Shipboard Ch. 88
157.450 Medical Paging
157.470-157.515 Auto Emergency
157.530-157.710 Taxi Mobile
157.770-158.070 Mobile Telephone Telco Mobile Various
158.100 Mobile Telephone Telco Paging
158.130-158.165 Water and Power Utilities
158.280-158.430 Industrial
158.490-158.670 Mobile Telephone RCC Mobile Ch. 01-13
158.700 Mobile Telephone RCC Paging
158.730-158.970 Police/Local Government
158.985-159.210 Highway Maint/Police
159.225-159.465 Forestry Conservation
159.495-160.200 Motor Carrier Trucks
160.215-161.565 Railroad
220.000-225.000 Amateur 1.25 Meters - Secondary
406.000-420.000 various US Government
420.000-450.000 Amateur 70 Centimeters
450.050-450.925 Broadcast Pickup
451.025-451.250 Water and Power
451.300-451.500 Telephone Maint
451.525-452.175 Industry
452.200-452.500 Taxi
452.525-452.600 Auto Club
452.625-452.875 Motor Carrier Trucks
452.900-452.950 Railroad
452.975-453.000 Relay Press - Newspapers
453.025-453.975 Local Government/Public Safety
454.025-454.350 Mobile Telephone RCC Base Ch. 21-34
454.375-454.650 Mobile Telephone Telco Base Ch. QC-QF
454.675 Mobile Telephone Air Base Ch. SETUP
454.700-454.975 Mobile Telephone Air Base Ch. 1-12
455.050-455.925 Broadcast Pickup
456.025-456.275 Water and Power

456.300-456.500 Telephone Maint
456.525-457.025 Industry
457.050-457.300 Taxi
457.625-457.950 Motor Carrier Trucks/Railroad
457.975-458.000 Relay Press - Newspapers
458.025-458.200 Medical 5W/Public Safety
458.225-458.975 Local Government/Public Safety
459.025-459.350 Mobile Telephone RCC Mobile Ch. 21-34
459.375-459.650 Mobile Telephone Telco Mobile Ch. QC-QF
459.700-459.975 Mobile Telephone Air Mobile Ch. 6-12
460.000-460.500 Police
460.525-460.625 Public Safety/Fire
460.650-460.875 Business - Airline
460.900-460.975 Business - Central Alarms
461.000-462.175 Business
462.200-462.525 Manufacturers
462.550-462.725 GMRS
462.750-462.925 Business
462.950-463.175 MED-1-10/DISP-1-2
463.200-465.000 Business
465.000-465.500 Police
465.525-465.625 Public Safety/Fire
465.650-465.875 Business - Airline
465.900465.975 Business - Central Alarms
466.000-467.175 Business
467.200-467.500 Manufacturers
467.550-467.725 GMRS
467.750-467.925 Business Low Power
467.950-468.175 MED-1-10/DISP-1-2
468.200-469.975 Business
810.000-816.000 Slow-growth System Public Safety Mobile
816.000-821.000 SMR Trunked System Business Mobile
821.000-850.000 Land Mobile Satellite Service Mobile
824.000-835.000 CMT Non-wireline Mobile
835.000-845.000 CMT Wireline Mobile
845.000-846.5000 CMT Non-wireline Mobile
846.500-849.000 CMT Wireline Mobile
849.000-851.000 Land Mobile Satellite Mobile Reserved
851.000-855.000 Conventional System Business Base
855.000-861.000 Slow-growth Public Safety Base
861.000-866.000 SMR Trunked System Business Base
866.000-870.000 Land Mobile Satellite Service Base
869.000-880.000 CMT Non-wireline Base
880.000-890.000 CMT Wireline Base
890.000-891.500 CMT Non-wireline Base
891.500-894.000 CMT Wireline Base
894.000-896.000 Land Mobile Satellite Base Reserved
895.500-899.750 Industrial Land Transportation
896.000-898.500 Business LMR
899.750-901.000 Business

901.000-902.000 General Purpose Mobile Radio
902.000-928.000 Amateur 33 Centimeters
928.012-928.3375 Domestic Pub. Radio Service, Private Multi-Address
928.3625-928.8375 Domestic Pub. Radio Service Reserved
928.8625-928.9875 Domestic Pub. Radio Service, Wide Area paging
929.0125-929.7375 Domestic Pub. Radio Service Reserved
929.7625-929.9875 Domestic Pub. Radio Service, Telco/Utility Paging
930.000-931.000 Domestic Pub. Radio Service, Advanced Tech. Paging
931.000-932.000 Domestic Pub. Radio Service, Common Carrier Paging
932.000-935.000 Government Private Shared Operation Fixed Sys.
935.000-937.500 Business SMR
937.500-938.750 Industrial Land Transportation
938.750-940.000 Business
940.000-941.000 General Purpose Mobile Radio
941.000-944.000 Government Private Shared Operation Fixed
944.000-947.000 Broadcast Radio Studio-Xmtr Link Intercity
947.000-952.000 Broadcast Radio Auxiliary STL
952.100-952.700 Private Micrwave Service Omnidir. Control
952.800-956.100 Private Microwave Service Operation Fixed
956.2625-956.4375 Private Fixed Service Signalling and Control
956.500-959.800 Private Microwave Service Operation Fixed
959.8625-959.9875 Common Carrier Radio Service, Wide Area Paging
960.000-1215.000 Aviation Service NAVAID/DME
960.000-1350.000 Land-based Aero NAV

2500. Re: OREGON laws 4 scanner & radar detectors.

Newsgroup: rec.radio.scanner
Date: 1995-02-26 08:28:48 UTC
From: stavros@agora.rdrop.com
Message-ID: <D4LM80.3BF@agora.rdrop.com>
Source record: 261020

```
In article <D4BI59.CC5@lazrus.cca.rockwell.com>,
<swd_trb@afds.cca.rockwell.com> wrote:
>
>Anybody know the oregon laws on scanners and/or radar detectors.
>
>thanks
>t.b.
>
>p.s. what about any gun laws too?
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Yeah, we got gun laws in Oregon! :-)

TTFN

-Steven
```

2501. Anyone see a Review of the BC890XLT?

Newsgroup: rec.radio.scanner
Date: 1995-02-26 10:26:36 UTC
From: fk425@cleveland.Freenet.Edu
Message-ID: <3ipl0s$866@usenet.INS.CWRU.Edu>
Source record: 261021

Can anyone tell me if they've seen a review of the BC890XLT?
I was thinking of purchasing one and would like to make sure
they don't have the same problems as the 8500XLT. Any information
would be greatly appreciated.
mccallr@emh.kadena.af.milz`"
mccallr@emh.kadena.af.mil

2502. Re: Baltimore PD/FD Freq Req:

Newsgroup: rec.radio.scanner
Date: 1995-02-26 13:34:16 UTC
From: FAMK25B@prodigy.com
Message-ID: <3iq00o$nq8@usenetw1.news.prodigy.com>
Source record: 261023

I bought the Radio Shack Police Call book (about $10) and it has
everything in it you'll need!

-
JOHN HENCH FAMK25B@prodigy.com

2503. Pro-39 vs Pro-43: Intermod & mods

Newsgroup: rec.radio.scanner
Date: 1995-02-26 15:05:32 UTC
From: mbeaty@nyx10.cs.du.edu
Message-ID: <3iq5bs$t9@nyx10.cs.du.edu>
Source record: 261024

I'm comparing Radio Shack's Pro-43 to the Pro-39. I like the 43's features -- no doubt. But I'm getting a bunch of intermod while monitoring on VHF on the 43 that I don't get on the 39. Unfortunately for me, I mostly monitor VHF and I live near an antenna farm.

Because of this, I'm listening to the 39 more than the 43. A couple of questions:
1. Can all of the Pro-39's be modified for cellular reception, regardless of date code? Date code is 12A3, no A on the model or FCC ID suffix....
2. The Pro-43 is modifiable. During the modification process, what could have increased the intermod, if anything? A cold solder joint on the ground wire (or would it simply not work)?

Here's what I think, based on my limited previous knowledge: all Pro-39's are modifiable. The mod on the 43 didn't increase the intermod as the 43 is known to be susceptible, especially on VHF. So, if I'm wrong, I'd really like someone to set me straight!

If I'm right, I'll have a 43 for sale.... Thought I'd never chose a 39 over the 43, but I can't afford both and I'm listening to the 39 more at the moment.

advTHANKSance.

Mike
--
Mike Beaty mbeaty@nyx.cs.du.edu
Valleylab, Inc. (a maker of electrosurgical instruments) 303/530-6545

2504. Pro-37 mod's

Newsgroup: rec.radio.scanner
Date: 1995-02-26 16:09:41 UTC
From: Maurice Spear <76145.3212@CompuServe.COM>
Message-ID: <3iq945$63b$1@mhade.production.compuserve.com>
Source record: 260925

I whould like to know what the mod is for the PRO-37 to recieve 800 MHz.
I already got the PRO-39 mod, but it is not the same for the PRO-37.
Any help whould be appreciated.

Thanks Maurice Spear

2505. Anyone see a Review of the BC890XLT?

Newsgroup: rec.radio.scanner
Date: 1995-02-26 16:26:43 UTC
From: hduff@humnet.westonia.com
Message-ID: <7770233814001@humnet.westonia.com>
Source record: 260926

>
> Can anyone tell me if they've seen a review of the BC890XLT?
> I was thinking of purchasing one and would like to make sure
> they don't have the same problems as the 8500XLT. Any information
> would be greatly appreciated.
> mccallr@emh.kadena.af.milz`"
> mccallr@emh.kadena.af.mil
>

re: BC890XLT
I owned one for a short time. I found the selectivity and sensisitvity
to be far inferior to my PRO-2004. I also discovered that it scans the
220 Mhz Ham band in the wrong step size and it could not be changed.
I looked into the possiblity of adding a computer interface...too much
hassel as the keypad lines were not easily accessible making a
user-installable interface a great difficulty.

On the bright side, I liked the VFO knob and the stylish looks !

I'd recommend buying a used PRO-2004, 2005 or 2006 instead.

Cheers. Hugh Duff VA3TO/VE3OYH Toronto

 NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"

2506. Re: now a no-no to monitor cordless phones

Newsgroup: rec.radio.scanner
Date: 1995-02-26 18:34:50 UTC
From: wwhitby@aol.com
Message-ID: <3iqhka$nn2@newsbf02.news.aol.com>
Source record: 260927

Isn't this a case of shutting the barn door after the horse has bolted? I can remember the 1st scanner my dad bought in 1977. It had the cordless frequencies in it. How many scanners have been made since then?
Warren Whitby
wwhitby@aol.com - Home wwhitby@lan.mcl.bdm.com - Work
Ham radio: KE4ITL

"For whosoever shall call upon the name of the Lord shall be saved."
Romans 10:13

2507. Source for BC200XLT resonator

Newsgroup: rec.radio.scanner
Date: 1995-02-26 23:18:56 UTC
From: km3t@bluesky.net
Message-ID: <3ir290$kh5@news.bluesky.net>
Source record: 260928

I'm looking to increase the scan rate on my Bearcat 200XLT.
I have a copy of the mod but am looking for advise on what
resonator to use. So, if you've successfully completed the mod,
please e-mail me and let me know which resonator you used and
where you purchased it.

Thanks,
Dave
km3t@bluesky.net
or km3t@mathworks.com

2508. RE: FUN NYC FREQS.

Newsgroup: rec.radio.scanner
Date: 1995-02-27 01:33:00 UTC
From: bob.kozlarek@woodybbs.com
Message-ID: <93.4017.7592.0NFB95D6@woodybbs.com>
Source record: 260929

Bob is replying to DONHAYES@DELPHI.COM who replied to ALL on 26 Jan 95 01:0
D> Message-ID: <Rc676O3.donhayes@delphi.com>
D> Newsgroup: rec.radio.scanner
D> Organization: Delphi (info@delphi.com email, 800-695-4005 voice)
D> We even have a ham net on two meters on Tuesday
D> night that specializes in scanner comms/ freqs!!! Just let me know!!!
D> Don......N2QAY.....
Don, thanks for the internet info. The net will be back to a regular nite in the near future. The FCC has given us some preliminary cooperation. Too bad about George Wilson @ARRL. He was suppose to have met with the FCC at the meeting that preceeded his stroke. Anyone, hey check into the net! Your input is really appreciated!

BOB KOZLAREK

* Evaluation copy of Silver Xpress. Day # 256
* Silver Xpress V4.01

--- QScan v1.141b / 01-0220
* Origin: The Dx Connection Bbs Teaneck New Jersey (1:107/593)

2509. RE: 138 MHZ BEAM ANTENNA

Newsgroup: rec.radio.scanner
Date: 1995-02-27 01:34:00 UTC
From: bob.kozlarek@woodybbs.com
Message-ID: <93.4018.7592.0NFB95D7@woodybbs.com>
Source record: 260930

Bob is replying to JPD@ISOROKU.MIT.EDU who replied to ALL on 3 Feb 95 04:58
J> Message-ID: <3gu8ua$ind@senator-bedfellow.MIT.EDU>
J> Newsgroup: rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space
J> rec.radio.amateur.antenna
J> Organization: Massachvsetts Institvte of Technology

J> which will be launched later this year. Selected data will be
J> sent down at at 137.96 MHz (the main downlink is S-band).
Ahh, sounds interesting. But what will the data be; voice, packet, or digital
?%^#@*! ?
The antenna should be easy enough to construct, but the gain requirement at
the freq will make it quite long. My guess, at least a 20' boom.
What NASA mission is it scheduled for?

BOB KOZLAREK

* Evaluation copy of Silver Xpress. Day # 256
* Silver Xpress V4.01

--- QScan v1.141b / 01-0220
* Origin: The Dx Connection Bbs Teaneck New Jersey (1:107/593)

2510. RE: "RADIOWARE" RF-9913 C

Newsgroup: rec.radio.scanner
Date: 1995-02-27 01:34:00 UTC
From: bob.kozlarek@woodybbs.com
Message-ID: <93.4019.7592.0NFB95D8@woodybbs.com>
Source record: 260931

Bob is replying to N who replied to ALL on 28 Jan 95 10:52pm

NC> 9913 cable for scanner
NC> Message-ID: <ncschult.791610739@saturn.acs.oakland.edu>
NC> Newsgroup: alt.radio.scanner,rec.radio.scanner
NC> Organization: Oakland University, Rochester, Michigan, U.S.A.

NC> I would like to know if anyone has any experience with the Co.
NC> "Radioware" out of Westford, MA.? I am thinking of ordering their
NC> "RF-9913 cable for my roof antenna, they claim "1.4 dB loss at 100 mHz"
Sounds to me like ordinary "9913". If they're charging more than about .55
/ft, its too much. In 100ft or longer, you can probably get it mail order for
.55/ft.
The original "9913" was made by Belden - call 1 (800) BELDEN4 for their
nearest dealer.

BOB KOZLAREK

* Evaluation copy of Silver Xpress. Day # 256
* Silver Xpress V4.01

--- QScan v1.141b / 01-0220
* Origin: The Dx Connection Bbs Teaneck New Jersey (1:107/593)

2511. Re: Cellular in Canada?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 03:31:57 UTC
From: Marilyn Matte <mmatte@clark.dgim.doc.ca>
Message-ID: <Pine.SUN.3.90.950226222858.6067B-100000@clark.dgim.doc.ca>
Source record: 260932

On Thu, 23 Feb 1995, Darrell A. Larose wrote:
> In a previous posting, Bill Blinn (bblinn@infinet.com) writes:
> > I presume "Communications Canada" is the new name for the old DOC.
>
> It hasn't been the Department of Communications for many years now! In fact
> it isn't even Communications Canada any more. Communications Canada was moved
> to Industry Canada last year? The Parliament of Canada made all those Super
> Ministries. A lot of the smaller (Smaller in Gov't???) Departments were then
> merged into HUGE Departments. It still causes confusion here in Ottawa, as
> even the Civil Servants don't know what their Department is called today...

Communications Canada (most of us) became part of Industry Canada in
September 1993. Other parts have gone to Heritage Canada, Government
Services Canada, etc. *sigh*

After tomorrow's budget, who knows? :-(

mmm

"Grow your own dope -- plant a man."

2512. Re: Plectrons

Newsgroup: rec.radio.scanner
Date: 1995-02-27 03:37:40 UTC
From: scan911@aol.com
Message-ID: <3irhe4$2na@newsbf02.news.aol.com>
Source record: 260933

I buy Plectron and Motorola alerting receivers in good condition.

Doesn't matter whether they are capable of decoding tones or not.

Just need them as receivers. Any bands. E-mail me for cash price.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2513. Re: Whats the best freq list on CD in Illinois?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 03:42:57 UTC
From: scan911@aol.com
Message-ID: <3irho1$2pm@newsbf02.news.aol.com>
Source record: 260934

You need the Scanner Master Illinois Communications Guide. Not only every
frequency you'd want to monitor, but all the CTCSS codes, radio codes,
unit numbers, system info, channelization, etc.

Call (800) SCAN-701 for ordering info or a free catalog.

Ask them about their PerCon CDs, too. Has loads of info!

Tell 'em I sent ya!

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2514. Pro-46 Mod, doesnt work!?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 03:49:33 UTC
From: gdruebsamen@vms4.sci.csupomona.edu
Message-ID: <1995Feb26.204933.1@clstcs>
Source record: 260935

Hello, I am in need of help.

I have a pro-46 scanner that I just bought the otder day, and it has a date code of 5A4 on it.

I got the 800mhz mod from oak ftp site, and I did it correctly as it said, and I have gotten no more frequencies...

Any help or ideas? Any other mods that will work?

I think I did it correctly to the best of my knowledge, I unsoldered the two smt jumpers on the right, and soldered one of them on the solder pad to the left. There was a blue wire on the right hand solder pad.

Any help would be greatly apprecieated!

thanks!

p.s. Please e-mail me or post asap

--
Gene Ruebsamen

gdruebsamen@csupomona.edu
Cal Poly Pomona - Electrical & Computer Engineering

2515. Space Communications

Newsgroup: rec.radio.scanner
Date: 1995-02-27 05:01:00 UTC
From: wirenet!n4nr@vulcan.com
Message-ID: <8A44565.001F000010.uuout@vulcan.com>
Source record: 260936

Steven Pellegrino writes:

-> Can someone repost or e-mail me the frequencies used by the for space
-> communications, NASA etc...
->
-> There was a pretty extensive list posted before. I am interested in
-> all bands. It is for a basic aerospace class where we are discussing
-> communications methods.

Maybe this would be of interest.....

Dennis - N4NR

Space Shuttle Radio Frequency List
By Rich Weinkauf, Farmington, MI

A Space Shuttle mission requires the coordination of thousands of individuals; both on the planet, and off. This coordination is directed largely by radio communications, both voice and digital; and supplies the communications enthusiast with several opportunities for listening. The following list includes radio voice communication frequencies reported to be in use during a typical Space Shuttle mission. This list has been gleaned from many sources, including personal communications, messages on Prodigy, Amateur Radio Bulletin Boards, Space and Astronomy Bulletin Boards, and the NASA Spacelink BBS. All of it is subject to change without notice, and reception is dependent on your location and the propagation conditions.

I can be reached for additions, deletions, and corrections to this list via:

Packet radio: N8QLT @ WD8DWO.#semi.mi.us.na
CompuServe: 70534,227
Internet: 70534.227@compuserve.com

Launch and Landing Operations

NASA Malabar/Palm Bay, FL Nets (in KHz, USB commonly)
Solid rocket booster recovery 2622 primary, 2764, 3187,4510,7765,
11407, 11621
NASA tracking vessels 5180, 5187
ETR range control 2678
ETR primary night channel 5190
ETR secondary night channel 5810
ETR primary day channel 10780
ETR secondary day channel 20390
Launch support ships 5680, 11104, 11252, 18009, 19303

Launch support aircraft 5350, 7676, 9022, 9043, 9132, 13227,13878
Cape Radio/Leader 4856
Cape radio/Coast Guard Ships 4992
Cape Radio/Launch support A/C 7461
Cape radio 6896, 6837, 11414, 11548, 19640, 23413
S&R Coast Guard primary 3024
S&R Primary recovery zone 4376
S&R Primary Atlantic 6720
S&R comm with Bahamas 7412
Backup mission audio 2664
Navy harbor control 2716
Launch tracking net 7525, 20186
Space missle tactical net 10305
OCC Shuttle mission audio 20198
NASA CB radio channel 9 27065 AM
Data buoys 2405
Data channels 7919, 7985, 13237, 13495
Malabar-Ascencion Island MUX 10310, 13600, 20192
Ascencion Island-Malabar MUX 14937, 19966, 22755
USAF/NASA communications 4510, 4760, 4855, 4992, 5350,5810,
6727, 6740, 8993, 9315, 9974,10780,
11104, 11414, 11548, 14615, 19303,
19984, 20191, 20475

Edwards AFB: (frequencies in MHz)
116.4 00 ATIS
120.7 00 control tower
121.8 00 ground control
126.100, 127.800 approach control
133.650 approach/departure control
138.450 commandpost
149.925 security
162.6125 NASA ops
164.1 00 NASA
173.5875 fire
236.6 00 control tower
269.9 00 ATIS
290.3 00 departure control
318.1 00 tower
348.7 00 approach control
372.2 00 dispatchers
390.1 00 ground control

Kennedy Space Center Operations (KHz)
2182, 3023

Kennedy: (MHz)
117.8 00 shuttle control
121.750, 126.300 ground control
126.650 weather
142.500, 143.040 cranes

148.455 NASA booster recovery
148.485 launch countdown/status
148.500, 149.100 Search and Rescue ships
149.175 shuttle crawler
162.000 Search and Rescue ships
162.0125 NASA vessels
162.6125 NASA ops
163.4625, 163.4875 security
163.5125 security
163.5625 fire - primary
164.0 00 radiation checks
164.800 Search and Rescue aircraft
165.1875 check points
170.150 base operations
170.175 transportation
170.350 public relations
170.400 General Services Administration
171.150 maintenance/fuel
171.2625 camera tracking
173.175 security - gates
173.4375 medics
173.5625 fire/rescue
173.6625 safety units
173.6875 security - vans
173.7875 fire - secondary
284.0 00 ground control

Kennedy Space Center Ground Support (MHz)
148.480, 149.170, 162.610, 163.460, 163.480, 163.510, 163.560, 165.190,
170.150, 170.170, 170.350, 171.150, 171.260, 173.560, 173.680

Patrick AFB: (MHz)
118.400 approach/departure control
121.700 ground control
125.100 approach control
126.200 control tower
128.800 dispatcher
138.300 command post
273.500 ATIS
335.800 ground control
340.900 approach/departure control
344.600 weather
348.400 control tower
358.300 approach control
372.200 dispatchers

International emergency air frequencies (MHz)
121.500
243.000

Shuttle frequencies: (MHz)
296.800 primary, air-to-ground or orbiter-to-suit
259.700 air-to-ground or suit-to-orbiter
279.000 suit-to-orbiter or suit-to-suit

Communications and other stuff: S-band (MHz)
2205.000 Air-to-ground
2217.500 Air-to-ground secondary
2287.500 Air-to-ground primary digital downlink
2041.900 Ground-to-air
2201.400 Ground-to-air
1831.800 primary (USAF uplink, phase modulation)
1775.100 secondary
2250.000 wide band FM with main engine analog
telemetry during launch, or TV during orbit
operations.

Note from Ron Parise, WA4SIR, on above S-band frequencies: "The S-band
system is one of the primary orbiter downlink bands. The voice channels
are digital slope delta modulation and are MUX'ed in with the rest
of orbiter telemetry and are very difficult to copy. Much of the
downlink TV is S-band wide band FM and should be easy to copy.
The Ku-band system is used in conjunction with the TDRS satellites, and
is used more heavily during Spacelab flight than others. The data
rate is very high digital (50 Mbits/sec), and will be nearly impossible
for you to demodulate and decommutate in your basement. Nevertheless,
the shuttle transmits on 15.003 GHz. These transmission are directed
toward the TDRS satellite with a high gain antenna, and cannot be copied
from the gound. The UHF frequencies are fun to listen to, but are not
heavily used except during EVA's. You will almost always hear some
activity on them during a mission, just be patient."

Contractors
Rockwell (Edwards)
2995.5, 3282.5, 3475.5, 5597.5, 10010.5, 17966.5 (kHz, USB)
122.800, 123.050, 123.350, 123.525, 462.925 (MHz)
Rockwell (Edwards/Kennedy)
123.475 (MHz)
McDonnell Douglas (Edwards)
123.300, 123.550 (MHz)
Com-Tech Associates (Kennedy)
151.955 (MHz)
IBM & Harris Corp. (Kennedy)
152.480 (MHz)
TWA (Kennedy)
154.515 (MHz)

The End

2516. Pro 46 Mods [Before 5A4]

Newsgroup: rec.radio.scanner
Date: 1995-02-27 05:01:57 UTC
From: craig@primenet.com
Message-ID: <craig.22.0004EF0F@primenet.com>
Source record: 260937

I am looking for mods for the pro 46. If anyone has them can you email them to me. Thanks!

Craig@primenet.com

2517. Listen-up ICOM

Newsgroup: rec.radio.scanner
Date: 1995-02-27 05:10:49 UTC
From: mysterywho@aol.com
Message-ID: <3irmsp$4ci@newsbf02.news.aol.com>
Source record: 260938

Hey-

You guys at ICOM have an opportunity here. You need to take your R-1 receiver, and make a few changes.

A. Replace keypad with backlit one
B. Get rid of internal nicad battery pack, sell only battery case.
C. Increase the number of memories to 1000
D. upgrade the selectivity of the unit
E. Add SSB
F. Add a serial computer interface

Now THAT would be a killer scanner!
Greg, the RotnApple

2518. Re: CW and SB?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 05:44:42 UTC
From: SteveS@clark.net
Message-ID: <3irosa$hqg@clarknet.clark.net>
Source record: 260939

> mduman@astro.ocis.temple.edu (Michael Duman) writes:
> Howdy y'all!
> I'm just curious if anyone knows where I can get a CW decoder for
> my Sound Blaster card. Is there such a beast?
> Thanx in advance.
> -Peace
> -Mike
> [mduman@astro.ocis.temple.edu]
> [What time is it?]
>
>
>>>>
Believe it or not, I just saw a file on AOL in the Ham Radio Library that does just that.
You feed the audio from a radio to the mike input (attenuated)
and voila! Or so the description says. I didn't catch the name, but the description should be easy to spot.

Steve

2519. Pro 2006 D503?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 06:03:03 UTC
From: ABEYER@delphi.com
Message-ID: <3irpun$p6m@news1.delphi.com>
Source record: 260940
Cross-posted to: alt.radio.scanner,rec.radio.scanner

If I remember correctly the Pro2006 originally wa a full coverage scanner
25 Mhz - 1300 Mhz, and RS later modified the design to block certain freqs.

If the sub board which holds D502 and D503 is a modification by RS to block
the cell freqs, and cutting D502 restores cellular what would happen if you
cut D503? Would it restore 520 Mhz - 760Mhz?
Alan L. Beyer <><
abeyer@delphi.com

Rainbow V 1.12 for Delphi - Test Drive

2520. Wannted: 2 meter RDF gear

Newsgroup: rec.radio.scanner
Date: 1995-02-27 06:26:56 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950227012443.28429C-100000@umbc8.umbc.edu>
Source record: 260941

```
if you got it for sale, chances are i want it.
If you have anything just drop a dime.
-G
```

2521. Re: Pro 2006 D503?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 06:45:58 UTC
From: FTaylor@ix.netcom.com
Message-ID: <3irsf6$2hi@ixnews3.ix.netcom.com>
Source record: 260942
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <3irpun$p6m@news1.delphi.com> ABEYER@delphi.com writes:

>If the sub board which holds D502 and D503 is a modification by RS to
>block the cell freqs, and cutting D502 restores cellular what would
>happen if you cut D503? Would it restore 520 Mhz - 760Mhz?
>
> Alan L. Beyer <><
> abeyer@delphi.com

Cutting D503 increases scan speed 15%.

Frank

2522. Re: Wanted: info about Uniden/Bearcat UBC 220 XLT

Newsgroup: rec.radio.scanner
Date: 1995-02-27 10:08:39 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.151.000A2542@ccm.hf.intel.com>
Source record: 260952

In article <3ikbp4$m2u@htsa.htsa.hva.nl> Dennis Velthuis <denv@htsa.hva.nl> writes:

>Well, the subject says it all.
>I need all the information i can find about this scanner.
>This includes specifications and comments users comments about this
>scanner.
>I plan to buy this scanner in the near future.
>I would also like to know if there are any mods available for it.

Great radio. Very little problem with intermod. Great scan/search speed with search lockouts. Great audio. Great battery life. Good construction. The only drawbacks: 1. Some problem with images (but not too bad), 2. The service serach for the Police band includes non-public service trunked frequencies (making it essentially useless), 3. There are only 10 search lockouts.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2523. SEATTLE FREQUENCIES?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 11:38:02 UTC
From: mblacks@nv2.uswnvg.com
Message-ID: <3isdiq$680@fred.uswnvg.com>
Source record: 260943

I AM LOOKING FOR FREQUENCIES IN THE SEATTLE/PUGET SOUND
AREA. POLICE ,FIRE. EMERGENCY, ECT.. ANY INFO WOULD BE GREATLY APPRECIATED

THANKS

2524. TV station ID, New York area

Newsgroup: rec.radio.scanner
Date: 1995-02-27 11:54:42 UTC
From: jthisdal@q.continuum.net
Message-ID: <jthisdal.4.000BE9B1@q.continuum.net>
Source record: 260955

I am looking for the ID of a TV station probably in the Albany New York area. I have seen it on channel 19 here in south eastern ct. The only ID i saw on the screen at the time was a channel 10 logo in lower right corner, possibly was a rebroadcast of a channel 10 program. The signal i saw was definitely on channel 19.

If anybody knows where this channel 19 is and its callsign/address I would appreciate a reply.
Thanks,
jthisdal@q.continuum.net

2525. AR-8000 WWW (HTTP:) Address?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 13:08:09 UTC
From: feustel@netcom.com
Message-ID: <feustelD4nttL.Ir2@netcom.com>
Source record: 260944

I just got a Web Explorer Program. Could someone repost the WWW address
of the AR8000 Home Page? Thanks.
--
Dave Feustel N9MYI Internet: <feustel@netcom.com> | <feustel@ibm.net>
219-483-1857 Compuserve: <73532,1747>

Finger feustel@netcom.com for PGP public key

2526. Re: Frequency directory

Newsgroup: rec.radio.scanner
Date: 1995-02-27 13:08:21 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D4nttx.Juu@ssbunews.ih.att.com>
Source record: 260945
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <reptile.98.0030F48E@primenet.com> reptile@primenet.com (Mike Johnsen) writes:

> I'm looking for a frequency directory that has private >businesses. Guides such as Police Call have only government >agencies. I'd like one that has tow truck companies, taxis, >security companies and so on. Where can I get a directory like that?

RadioMap(TM) transmitter location reports contain frequency listings for business and many other services.
From the rec.radio.scanner FAQ article:

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom report. To make it easy to locate transmitters, the report includes an 8-1/2" by 11" scaled plot marked with transmitter sites (no streets). I call this innovation RadioMap(TM) service.

It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Industry uses RadioMap reports to survey the "radio environment" prior to installation of radios and wireless microphones at customer sites.

This is completely different from, and independent of the Grove Enterprises CDROM.

Ham radio stations are not listed. The RadioMap report includes frequencies, callsigns, and licensee names. For a flat fee, you choose the center location, and I choose the range, depending on transmitter site density. A 5 mile range (100 sq. mi. area) works well in most suburban areas. In rural areas, ranges of up to 10 or more miles (400 sq. mi. area) are possible, while ranges of 1 to 2 miles produce best results in urban cities, e.g., Manhattan and

downtown Chicago.

I will produce custom RadioMap reports for areas in any of the 50 states. Send $19.95 (check or money order) for each RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Price increases to $25.95 on April 1, 1995.

Note: I cannot respond to electronic mail inquiries about RadioMap. Please call the telephone number above if you have questions.
--

==========

Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2527. Re: Mobile Data Terminals

Newsgroup: rec.radio.scanner
Date: 1995-02-27 13:14:46 UTC
From: jrhaas@primenet.com
Message-ID: <jrhaas-2702950516120001@ip220.pom.primenet.com>
Source record: 260946

In article <3iqef8$5mv@news.xmission.com>, charly@xmission.xmission.com
(charly) wrote:

> an149095@anon.penet.fi wrote:
> : In article <3idj6j$75t@The-Star> ranickel@cadnet.micro.honeywell.com
(Robert_Nickels) writes:
> : >From: ranickel@cadnet.micro.honeywell.com (Robert_Nickels)
> : >Subject: Mobile Data Terminals
> : >Date: 21 Feb 1995 20:41:55 GMT
>
> : >Does anyone know how to decode signals from mobile data terminals user
> : >by cops? Would need to consider tone frequencies, baud rate,
encoding, etc.
>
> : >Just for educational purposes of course.
>
>
> : Currently, as far as Motorola Data Systems go, there is no known way to
> : decode this information. In fact even if you had a Motorola Data Terminal,
> : you would not be able to get anything off the air. There is no "monitor"
> : mode. There is some hope, in that the newer Protocols are going to be
"open",
> : maybe somebody could write software to decode them. Even then, due to the
> : nature of MDT systems, most of the actual information going over the air is
> : somewhat cryptic. Basically, it is gonna be $$$$ if you have any real
desire
> : to monitor MDT systems. :(
>
> How was it acomplished in regards to the Roddney King incident?
> By an Amateur. -charly

All data sent on an MDT fot the LAPD is stored on computer and that info
was released to the press. MDT info is usely stored from 90 days to 1 year
by most PD's.
J.R.H.

2528. Re: Bearcat scanners

Newsgroup: rec.radio.scanner
Date: 1995-02-27 13:36:51 UTC
From: smeier@uspto.gov
Message-ID: <3iskhj$r4a@pioneer.uspto.gov>
Source record: 260947

Mark A. Garrett (mgarrett@prairienet.org) wrote:

: In a previous article, doctorfu@prairienet.org (John R. Teeter) says:

: >
: >Request information from Bearcat BC120XLT owners:
: >
: >1. Quality of product
: >2. Ease of use
: >3. Other miscellanous things that you feel might help.
: >
: >I'm in the process of thinking about purchasing above model, as it
: >has most of the features that I want; i.e., 100 channels, no 800 band.
: >Being a railfan, I really don't need the 800 band, and there's EXACTLY
: >100 main frequencies for the railroads.
: >
: >Thanx in advance. . .
: >--
: >--
: >| J. R. Teeter
: >| President, FU, Inc.
: >| Ferroequineologist par excellence
: >

: I have a Bearcat 120XLT that I purchaced here recently. Here is what
: I think:
: 1. The quality is good, seems light weight but has a good display, good
: backlight. Very fast scanning, reasonable audio output.
: 2. Ease of use. Overall pretty good. You can get by initially without
: reading the manual but it helps to learn some of the items the scanner will
: do when you read the manual.
: 3. If you plan on using it to monitor low band 30 to 50 Mhz then consider
: another antenna besides the rubber duck. Range is somewhat limited, but so
: is most scanners with rubber ducks that I have run across.

: For the price it is a good scanner $139 to $159 and would recommend it for
: anyone that does not need 800 mhz operation.
: --
: Mark Garrett mgarrett@prairienet.org
: KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

It sounds like you are trying to convince yourself not to go ahead and get
the 200 channel scanner (200/205...XLT). It's only 50 dollars more. If you are
sure you will never listen to the other stuff then fine, but I've found that
scanning is addictive and if you use 100 channels just for rail it would be
nice to have another 100 for miscellaneous.

As far as quality, you should be fine with a Bearcat.

Stephen Meier

2529. Re: WARNING-Don't waste your time or money on ACE COMMUNICATIONS!

Newsgroup: rec.radio.scanner
Date: 1995-02-27 13:39:09 UTC
From: dhughes@prairienet.org
Message-ID: <3isklt$2pt@vixen.cso.uiuc.edu>
Source record: 260948

If writing to ACE brings no response, has anyone tried complaining to POPCOMM and whoever else carries their advertising? I write for a magazine in another field that is very picky about the integrity of the companies whose ads they carry. ---Dan, N9XDK
--

2530. Re: Are many cellular calls monitored?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 13:54:31 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.152.000DE903@ccm.hf.intel.com>
Source record: 260961

In article <3imi07$m7m@news.u.washington.edu> gordonlm@u.washington.edu (Gordon Mitchell) writes:

>I am in the process of writing an article on encryption for Security
>Management magazine. It is on the use of encryption for voice security.
>One question regarding cellular monitoring seems important but I don't
>have an answer...

> What fraction of analog cellular calls are monitored, what fraction
> are recorded?

>I am interested in your ideas but really would like a quantitative
>estimate if possible. For example, considering only cities in the US,
>what is the ratio of scanners to cell phones, what fraction of scanners
>is in use on the average, etc.

It is very difficult to determine. If you were to only consider the "hobbiest" I would make a wild guess at about 30%.

Now, if you were considering law enforcement, FBI, etc., then the number would probably jump way up. My guess would be over 70%.

Also, keep in mind that very few hobbiests have the equipment to track cell phone calls, so for the most part, only a short piece of the conversation is heard as the call moves from cell to cell (although some rural areas have very large cells).

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2531. Re: Legality of scanning in foreign countries

Newsgroup: rec.radio.scanner
Date: 1995-02-27 14:00:27 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.153.000E025D@ccm.hf.intel.com>
Source record: 260963

In article <3ilniv$o06@news.xmission.com> jioupahn@xmission.xmission.com (Jiou-Pahn Lee) writes:

>I am traveling to Asia next month. I will visit Hong Kong, China and Taiwan.
>Does anyone have experience using a scanner there? Any help will be
>appreciated.
>Thanks.

I have used a scanner in Hong Kong and China. There is no problem in Hong Kong, although I was told that it is illegal to scan the cellular band. In China, I couldn't tell you. I wasn't about to ask them. I just had my scanner in my bag. Customs is pretty lazy on the Hong Kong border.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2532. BC 210 XLT Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-27 15:08:34 UTC
From: droste@cig.mot.com
Message-ID: <droste-270295090529@mac-al-36.cig.mot.com>
Source record: 260949

This question has probably been asked a thousand times in this group, but since I'm a new-comer I'll ask it anyway...

Does anyone have any expanded frequency mods for the Bearcat BC 210 XLT?

Thanks,
Scott Droste
droste@cig.mot.com

2533. Re: WANTED: MODS FOR 100XLT

Newsgroup: rec.radio.scanner
Date: 1995-02-27 16:15:58 UTC
From: davygc@ornl.gov
Message-ID: <davygc.1.2F51FABE@ornl.gov>
Source record: 260950

In article <3ijr47$n3o@ipgate.hartford.edu> FELTON@UHAVAX.HARTFORD.EDU (Mail Call) writes:
>From: FELTON@UHAVAX.HARTFORD.EDU (Mail Call)
>Subject: WANTED: MODS FOR 100XLT
>Date: 24 Feb 1995 05:33:59 GMT

>Could someone please send me ANY mods for the 100XLT Scanner by Uniden.

>I'd be very appreciative. Please send them via e-mail if possible.

>Thank you,
>David

>FELTON@UHAVAX.HARTFORD.EDU

2534. Looking for an alpha-numeric scanner; any help?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 16:44:11 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2702951144110001@m14494-mac.mitre.org>
Source record: 260951

I'm shopping for a scanner that can be programmed to display the name of
the service being monitored as well as the frequency. Can anyone tell me
what makes/models are available to do this, and their approximate prices?
Thanks very much in advance for you help.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2535. Re: bc2500xlt mods

Newsgroup: rec.radio.scanner
Date: 1995-02-27 18:13:52 UTC
From: rrustin@robins.af.mil
Message-ID: <3it4p0$ndh@wrdis02.robins.af.mil>
Source record: 260953

David C Ferovick (ferovick@runner) wrote:
: I am looking for bc2500xlt mods...With archie, I found one mod dated 1993,
: but it describes a circuit board that is different than mine (mine does not
: have a white molex connector and the top circuit board is screwed on and not
: just plugged in)...Are there any mods available for this version of the
: scanner?

: Also, is there any way to -quickly- delete a bank of frequencies or a quick
: way to erase -all- the memory at once?

: --
: Dave Ferovick
: (ferovick@lonestar.utsa.edu) (dferovic@ringer.cs.utsa.edu)
: (ferovick@runner.jpl.utsa.edu)
: UTSA Comp. Sci Major and ocassional sax player

Dave, I won't promise this will work, but you can try it. Holding
down 2, 9, L/O and turning unit on gives you a display check. Holding
down 2,9,SCAN and turning unit on programs some test freq. Holding
down 2,9,Manual and turning unit on wipes out ALL freq.
Good Luck,
Randy

2536. AR3000

Newsgroup: rec.radio.scanner
Date: 1995-02-27 18:17:00 UTC
From: jberenyi@cc.weber.edu
Message-ID: <27FEB199511175119@cc.weber.edu>
Source record: 260954

If you have one for sale let me know.
John

2537. Re: Mobile Data Terminals

Newsgroup: rec.radio.scanner
Date: 1995-02-27 18:49:13 UTC
From: an149095@anon.penet.fi
Message-ID: <an149095.31.0006F345@anon.penet.fi>
Source record: 260968

In article <3iqef8$5mv@news.xmission.com> charly@xmission.xmission.com (charly) writes:
>From: charly@xmission.xmission.com (charly)
>Subject: Re: Mobile Data Terminals
>Date: 26 Feb 1995 17:40:56 GMT

>an149095@anon.penet.fi wrote:
>: In article <3idj6j$75t@The-Star> ranickel@cadnet.micro.honeywell.com (Robert_Nickels)
writes:
>: >From: ranickel@cadnet.micro.honeywell.com (Robert_Nickels)
>: >Subject: Mobile Data Terminals
>: >Date: 21 Feb 1995 20:41:55 GMT

>: >Does anyone know how to decode signals from mobile data terminals user
>: >by cops? Would need to consider tone frequencies, baud rate, encoding, etc.

>: >Just for educational purposes of course.

>: Currently, as far as Motorola Data Systems go, there is no known way to
>: decode this information. In fact even if you had a Motorola Data Terminal,
>: you would not be able to get anything off the air. Basically, it is gonna
be $$$$ if you have any real desire >: to monitor MDT systems. :(

> How was it acomplished in regards to the Roddney King incident?
>By an Amateur. -charly

I didn't exactly say impossible, in fact I do know how to do it, and what
equipment it would take. The point is the equipment and dedication to do so,
is lacking or financially out of reach for for most monitoring fans.

Additionally, I don't know what manufactures equipment LA is using. EGE, and
Coded systems are very easy to break, especially EGE (GE), since they leave
the encryption and error correction to the user to provide.

:)

2538. Re: yaesu vertex...

Newsgroup: rec.radio.scanner
Date: 1995-02-27 19:55:21 UTC
From: tomswisher@aol.com
Message-ID: <3itan9$bau@newsbf02.news.aol.com>
Source record: 260956

I've used the Yaesu programming software before. It's very easy to use,
with a main menu to select the desired operations. It allows programming
of each parameter (PL tone, etc) individually.
****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

2539. BearCat 890XLT scanner

Newsgroup: rec.radio.scanner
Date: 1995-02-27 20:15:09 UTC
From: Kimberly.Sanborn@dartmouth.edu
Message-ID: <3itbsd$9dc@dartvax.dartmouth.edu>
Source record: 260957
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hi,

My first impressions of our new 890XLT:

I've programmed the local interesting frequency numbers into groupings (I believe that are 10 buttons that can hold 20 frequencies each). If I put it on SCAN, it'll go through my programmed frequencies. I don't like it that the scanner stops at one of the frequencies that's too far away and is "noise". It'll stay on that noise until I go push the SCAN button again. I'd like the scanner to be able to tell the difference between actual voice and general noise. Also, it would be nice if it came with a remote that has SCAN and HOLD on it, so I can stop the SCAN at a particular interesting frequency without having to dash across the livingroom to hit the button in time. Also, I'd like a clock on it, and, instead of just showing the frequency numbers, I'd rather it display what the frequency is called. For example, if it pauses on 347.560, the display says "347.560". Instead, I'd like the display to be able to be programmed to say "Hospital Helicopter", or something like that.

Just my 2 cents worth.

-Kim

P.S.
What's the difference between alt.radio.scanner & rec.radio scanner??

2540. Re: Milwaukee Area Scanning

Newsgroup: rec.radio.scanner
Date: 1995-02-27 20:18:25 UTC
From: mike.flenz@rawapple.uu.holonet.net
Message-ID: <2c5.267.97@rawapple.uu.holonet.net>
Source record: 260798

-=> Quoting Rick Kissell to ALL on 24 Feb 95 20:27:45 <=-

RK> You mmmight try subscribing to "Scanning Wisconsin", published
RK> by AJC Inc., S67 W17912 Pearl Drive, Muskego WI 53150-9608.
RK> The editor is Ken Bitter and his phone number is 679-9442. I
RK> believe he offers frequency lists by county.

Good luck Rick. If "Scanning Wisconsin" is still around, I'd be surprised. Mr. Bitter publishes this rag now and then when he gets around to it and the info is pretty dated along with all the typos.

A much better bet for Wisconsin is the Communications Research Group which is a local chapter of RCMA members in Wisconsin and Northern IL. Write to Scott Miller; c/o Communications Research Group; 122 Greenbriar Drive; Sun Prairie, WI 53590-1706. Scott and Carl Guse have the most extensive database of Wisconsin freqs available.

Mike
WB9ANR

~~~ Blue Wave/RA v2.12

Internet: mike.flenz@rawapple.uu.holonet.net (Mike Flenz)
VIA NetXpress

~~~

2541. Re: WARNING-Don't waist your time or money on ACE COMMUNICATIONS!

Newsgroup: rec.radio.scanner
Date: 1995-02-27 20:18:26 UTC
From: mike.flenz@rawapple.uu.holonet.net
Message-ID: <2c5.268.97@rawapple.uu.holonet.net>
Source record: 260799

-=> Quoting WATERGATE1 to ALL on 25 Feb 95 12:45:59 <=-

WA> I'm not sure that ACE is as big as everyone might think - or
WA> as big as they want you to believe. As for writing the owner
WA> of the company - been there, done that - no success. It is my
WA> understanding that a number of complaints have been filed with
WA> the BBB as well as the Indiana Attorney General's Office.

They operate out of a little hole-in-the-wall corner of a warehouse.

Mike

~~~ Blue Wave/RA v2.12

Internet: mike.flenz@rawapple.uu.holonet.net (Mike Flenz)
VIA NetXpress

~~~

2542. Re: Listen-up ICOM

Newsgroup: rec.radio.scanner
Date: 1995-02-27 20:38:33 UTC
From: schuster@panix.com
Message-ID: <3itd89$sdo@panix3.panix.com>
Source record: 260958

In article <3irmsp$4ci@newsbf02.news.aol.com>,
Mysterywho <mysterywho@aol.com> wrote:
>Hey-
>
>You guys at ICOM have an opportunity here. You need to take your R-1
>receiver, and make a few changes.
>
>A. Replace keypad with backlit one
>B. Get rid of internal nicad battery pack, sell only battery case.
>C. Increase the number of memories to 1000
>D. upgrade the selectivity of the unit
>E. Add SSB
>F. Add a serial computer interface

The R-1 has been out for a few years now. From day one (well, at least,
day 365 - when the Uniden patent thing was settled and it was finally
released in the US) ICOM has been getting complaints about it.

On CompuServe HAMNET the ICOM online rep pretty much indicated that it was
designed as an exercise in miniaturization ... to prove you could put a
wideband scanner into the SAT case. Their attitue pretty much was: it is
what it is, and we have no intention of changing it.

Except, obviously, to remove a 800 MHz coverage later on.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2543. Book??

Newsgroup: rec.radio.scanner
Date: 1995-02-27 20:42:00 UTC
From: dominic.post@woodybbs.com
Message-ID: <93.4261.7592.0NFB9722@woodybbs.com>
Source record: 260601

What is the BEST book to purchase, to look up frequency's (police,airports,util news,etc.)
For the Northern New Jersey / New York city area.
Thank you all,
-=D,Post=-
dominic.post@the-boss.com
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

--- QScan v1.141b / 01-0287
* Origin: B.F.W.K. BBS Home of Amateur Radio & UserNet (1:107/594)

2544. Re: Looking for an alpha-numeric scanner; any help?

Newsgroup: rec.radio.scanner
Date: 1995-02-27 21:43:00 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Feb27.214300.2023@news.csuohio.edu>
Source record: 260959

mwhite@mitre.org (Michael White) writes:
: I'm shopping for a scanner that can be programmed to display the name of
: the service being monitored as well as the frequency. Can anyone tell me
: what makes/models are available to do this, and their approximate prices?
: Thanks very much in advance for you help.
:
: --

The AOR AR8000 has this capability. Displays frequency, mode, channel
number (A00 thru j49) and a 7-character alphanumeric tag of your choice.
Uppercase, lowercase, numbers, symbols, some graphics, and, Kanji font!
Very nice. The scanner costs between $600-650 depending on where you go.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2545. PRO-23 Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-27 21:44:06 UTC
From: delaney@j51.com
Message-ID: <3ith36$4am@tzlink.j51.com>
Source record: 260960

I have a PRO-23, and was wondering if they are any mods for it. I have no idea what they could be, since it is a crystal scanner. I thought I'd ask though...

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2546. Repost: Bearcat handheld scanner for sale

Newsgroup: rec.radio.scanner
Date: 1995-02-27 21:58:00 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <95058.165800DCS4@psuvm.psu.edu>
Source record: 260962
Cross-posted to: rec.radio.scanner,rec.radio.swap

I posted this several days ago. Had some inquiries, but no
solid offers, so here it is again. Let me know if you are
interested in this unit. I am upgrading (again!). - Dave

For sale: Uniden/Bearcat BC 100xlt -- $100

100 channel programmable hand held scanner.
100 channels, 11 bands, crystal free, automatic search,
priority channel, selective scan delay, display light,
automatic lockout, track tuning (whatever that means..)
and direct channel access.

Some folks reading this probably know more about these
than I do, so suffice it to say that it covers three
ranges: 29 to 54 MHz, 118 to 174 MHz, and 406 to 512 MHz.

I've had this for a year and it works great. I carry it in
my car most of the time but can also use it at home. Sale
price includes scanner, AC adapter/charger, flexible antenna,
carry case, battery pack, and operating guide.

The problem is that one local community has now gone completely
to an 800-MHz "trunked" system, darn them, so I can't hear them
at all with this receiver. Would like to consider an upgrade
to something that would cover the 800 MHz band.

Drop me a note at DCS4@PSUVM.PSU.EDU if you have a question,
comment, or offer! Thanks... - Dave

2547. Pro62 Handheld Scanner For Sale

Newsgroup: rec.radio.scanner
Date: 1995-02-27 22:08:17 UTC
From: lubecke@tumbler-ridge.caltech.edu
Message-ID: <3itigh$s28@gap.cco.caltech.edu>
Source record: 260964
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

Radio Shack Pro62 Handheld scanner for sale:

BRAND NEW.

Triple conversion (less images in RF-crowded areas),
200 channel memory,
Hyperscan: 25 channel/sec scan, 50 step/sec search.

Details can be found in any Radio Shack catalog or in
the February edition of "Monitoring Times".

Asking $185.

Victor Lubecke
lubecke@tumbler-ridge.caltech.edu

2548. Re: yaesu vertex...

Newsgroup: rec.radio.scanner
Date: 1995-02-27 22:44:31 UTC
From: edisonfire@aol.com
Message-ID: <3itkkf$dch@newsbf02.news.aol.com>
Source record: 260965

I have a UHF govt band vertex. Feel price is a bit high as discussed. I paid $ 500.00 & about $ 100 for software and cable. 99 channels is great and user can configure the groups, e.g group 1 may be 6 channels, grp 2 45 channels etc. I purchased for vehicle but found the audio is barely audible. Your call Jim S

2549. Uniden Customer Dis Service

Newsgroup: rec.radio.scanner
Date: 1995-02-27 23:05:11 UTC
From: robtjsori@aol.com
Message-ID: <3itlr7$do4@newsbf02.news.aol.com>
Source record: 260966

I sent my BC2500 in to Uniden to be corrected, since most of us know that it does not live up to it's billing.
Guess what they did. They refused to correct any problem and instead of following my directions to contact me by phone. They sent the unit back COD.
I paid $22 for nothing.
How is that for customer service.
Next time I recomend that everyone buy's a Radio Shack unit
At least Radio Shack respects the customer, not only before but after the purchase.

Robert J Sori
6027 W. Giddings
Chi, IL 60630

2550. Re: Pro 62

Newsgroup: rec.radio.scanner
Date: 1995-02-28 02:42:49 UTC
From: tillm001@cerritos.edu
Message-ID: <1995Feb27.184249.1@vax.cerritos.edu>
Source record: 260967

In article <Rs26tsH.richlw@delphi.com>, Dick Williamms <richlw@delphi.com> writes:
> Hi All,
>
He then showed me the Pro 62 which has the same scan speed as the
> 43 but it has a "triple <something>" feature that is beneficial
> in large metropolitan areas.
>
>
>
>

Hello Dick, name here is Frank, I recently purchased a Radio Shack Pro 62 scanner. The unit is one of the first to use triple conversion superheterodyne tuning. VERY usefull in eliminating intermediate frequency imaging, and it works! This unit is the best handheld that I have seen and used in a strong RF enviroment. It's scan rate is fast enough, easy to program, and overall built well. Radio Shack's upper end units are built by General Research Electronics. Not like their low end units made by Uniden. GRE builds various kinds of receivers for commerical and military uses. Good quailty construction.

Frank . . . .

2551. HI

Newsgroup: rec.radio.scanner
Date: 1995-02-28 03:02:00 UTC
From: brad.lorenz@woodybbs.com
Message-ID: <93.4080.7592.0NFB9620@woodybbs.com>
Source record: 260814

```
HI TODD IT'S 10:00 P.M. MON 27 I JUST THOUGHT I'D DROP YOU A NOTE
AND ASK YOU TO CALL ME WHEN YOU SEE THIS NOTE SO YOU CAN GET THE
REST OF YOU'RE PROGRAM..
--- FMail 1.0g
* Origin: The Junkyard - Pittsfield MA (413)-445-7282 (1:321/215)
```

2552. Re: BC 210 XLT Mods

Newsgroup: rec.radio.scanner
Date: 1995-02-28 03:52:21 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3iu6ll$f25@ecom3.ecn.bgu.edu>
Source record: 260969

droste@cig.mot.com (Scott Droste) writes:

>Does anyone have any expanded frequency mods for the Bearcat BC 210 XLT?

I am not that familiar with all the modles of scanners, but I have
a Bearcat 210. The thing is about as old as I am.
Is this the same scanner as the xlt?
If so, then I would be interested in knowing if mods exist for it,
and if it isn't the same, I am STILL interested in knowing
if mods exist.
Since it never did cover 800MHz, what could be done to it?

Dave
mudaw@ecom.ecn.bgu.edu

2553. Las Vegas

Newsgroup: rec.radio.scanner
Date: 1995-02-28 04:49:17 UTC
From: ejm@vectorbd.com
Message-ID: <D4p1E5.M4E@vectorbd.com>
Source record: 260970

I will be going to Las Vegas in June for a conference at the convention center. Being the scanist I am, I'm looking for freqs to fill my PRO-2006 (and a couple of hand-helds!!).

Anyone have anything???

email address above..... ejm@vectorbd.com
TNX

2554. Re: AR8000 for trade or sale

Newsgroup: rec.radio.scanner
Date: 1995-02-28 04:57:20 UTC
From: mikekg7s@ix.netcom.com
Message-ID: <3iuafg$8as@ixnews4.ix.netcom.com>
Source record: 260971

In <3ih3r1$dh1@ixnews2.ix.netcom.com> OpenOp@ix.netcom.com (Steven Skindell) writes:

>
>I have a AR8000 for trade of for sale. Would like to trade for old icom
>r1 scanner.
>
>Please leave email.
>
>

Too bad he made the deal. I was going to offer my AR1000
and two TI-99 computers. Oh, Well.

2555. Re: AR-8000 WWW (HTTP:) Address?

Newsgroup: rec.radio.scanner
Date: 1995-02-28 05:00:15 UTC
From: SteveS@clark.net
Message-ID: <3iuakv$nta@clarknet.clark.net>
Source record: 260972

> feustel@netcom.com (David Feustel) writes:
> I just got a Web Explorer Program. Could someone repost the WWW address
> of the AR8000 Home Page? Thanks.
> --
> Dave Feustel N9MYI Internet: <feustel@netcom.com> | <feustel@ibm.net>
> 219-483-1857 Compuserve: <73532,1747>
>
> Finger feustel@netcom.com for PGP public key
>
>>>>

Vic Healey's homepage is ftp://ftp.crl.com/users/ro/vhealey/www/ar8000.homepage.html

2556. Re: Looking for an alpha-numeric scanner; any help?

Newsgroup: rec.radio.scanner
Date: 1995-02-28 05:02:28 UTC
From: SteveS@clark.net
Message-ID: <3iuap4$nta@clarknet.clark.net>
Source record: 260973

> mwhite@mitre.org (Michael White) writes:
> I'm shopping for a scanner that can be programmed to display the name of
> the service being monitored as well as the frequency. Can anyone tell me
> what makes/models are available to do this, and their approximate prices?
> Thanks very much in advance for you help.
>
> --
> mwhite@mitre.org
>
> My opinions are my own, not my employer's.
>
>>>>

If you've got about $600 available, get the AR8000.

2557. Indoor Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-02-28 05:26:05 UTC
From: accroya@ix.netcom.com
Message-ID: <3iuc5d$lsq@ixnews2.ix.netcom.com>
Source record: 260974

I live in a "planned community" that doesn't allow antennas on the houses. I KNOW it's stupid, but they're pretty picky. A non-scanner friend of mine told me about an antenna called the Eliminator that turns your house wiring into a giant antenna. Though I have doubts about it, can someone dissuade me from purchasing this - or tell me about my best options. Most of my listening is in the 30-50 range, and the 450-470 range.

Thanks for any help

JW

2558. Re: Pro 62

Newsgroup: rec.radio.scanner
Date: 1995-02-28 06:32:14 UTC
From: faz@winternet.com
Message-ID: <3iufoh$fgi@blackice.winternet.com>
Source record: 260875

In article <Rs26tsH.richlw@delphi.com>,
Dick Williamms <richlw@delphi.com> wrote:
>Looking to buy a hand held and from what I hear from friends
>Radio Shack sells excellent
>scanner. Stop by our local store and looked at the 43, 51 and
>62. The salesman put the 51 back on the shelf stating - "you
>don't want this one." Apparently (to him) it scans "too fast"
>and it might miss a channel. The 43 was on sale at $190. He
>then showed me the Pro 62 which has the same scan speed as the
>43 but it has a "triple <something>" feature that is beneficial
>in large metropolitan areas. So, I'd like to hear from those
>more knowledgeable in this area than myself - maybe from those
>with the Pro 62 and/or 43.
>
>Dick
>
Well the Pro-51 does scan faster than the 43 and 62. But the
missed channels deal is a misnomer. The 43 and 62 both have Triple
Conversion. But I would quickly turn around and run and grab the
Pro-43. This item is discontinued and can scan the 200-400 band.
It also the entire 900mhz range.

Christopher M. Fazendin faz@winternet.com
The Network, Research & Development Division
Blue Team Alpha, Project Memphis
http://www.winternet.com/~faz/

2559. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-28 06:35:13 UTC
From: faz@winternet.com
Message-ID: <3iufu5$fgi@blackice.winternet.com>
Source record: 260876

In article <3iq6s5$9qc@ralph.vnet.net>, sjacobs@vnet.net wrote:
>> The Pro-51 in the US does not include the cell band in the test mode after
>>the date code of 7A4. Maybe they are still selling the pre-banned Pro-51 in
>>Canada. Did the manual give you the keypad mod for the test mode? What is
>>the date code of your scanner. Were you able to test mode (2 key, 9 key,
>>L/O key)? Or did you have to do the display check (Band key, 2 key, 9 key)
>>first then the test mode? I am just curious to see if RS pulled the Pro-51
>>from the US and set them to Canada.
>
>Wrong! At least on mine!! I have an 11A4 and both keyboard mods work on it just
>fine.. Go Figure?? Now if I could only open up the UHF Military bands I would
>be very happy..
>
>Steve
>
The test codes still work. But the 7A4's will have on channel 23 888mhz programmed in. This you normally can't get on the Pro-51.
And not only does it need to be 7A4 or earlier but it must not have an orange dot on the box. Many RS's have 7A4's but with orange dot's.

Christopher M. Fazendin faz@winternet.com
The Network, Research & Development Division
Blue Team Alpha, Project Memphis
http://www.winternet.com/~faz/

2560. Re: Med frequencies...

Newsgroup: rec.radio.scanner
Date: 1995-02-28 06:38:28 UTC
From: Thomas Mitchell <thmitchell@delphi.com>
Message-ID: <J+-6tIU.thmitchell@delphi.com>
Source record: 260877

Robert Barker <robert@eden.com> writes:

>sometimes the ambulances carry a little breifcase type device that
>transmits on 458.xxx (corresponding with the 463.xxx freq) and the
>Ambulance has a vehicle repeater onboard and will restransmit the signal
>on 468.xxx to the hospital.
>
>for instance.. the Ambulance will talk to the hospital using the
>breifcase radio transmitting on 458.025 which is being recieved by the
>ambulance and being retransmitted on 468.025 which the hospital hears and

there are only 4 458.xxx frequencies, and they do not necessarily
correspond exactly with the 468.xxx - the low powered portables
transmit to the mobile repeater on: 458.025, 458.075, 458.125,
and 458.175. These are sometimes known as "portable 1", 2, 3, 4.
There is no point in listening because if you can hear
them you should hear 468.whatever.

2561. Re: Pro-51 for sale

Newsgroup: rec.radio.scanner
Date: 1995-02-28 06:38:55 UTC
From: faz@winternet.com
Message-ID: <3iug52$fgi@blackice.winternet.com>
Source record: 260878

In article <3iq9ee$3fh@borg.svpal.org>,
dusty@svpal.svpal.org (D. Van Iderstine) wrote:
>I'm selling off some radio gear. I have, for sale a Pro-51 handheld
>scanner. Great condition, w/ manual and AC adapter. Asking $200 or best
>offer. Mail me if you're interested or need more information.
>Dusty
>
Interesting price. It's on sale for $219 new.

Christopher M. Fazendin faz@winternet.com
The Network, Research & Development Division
Blue Team Alpha, Project Memphis
http://www.winternet.com/~faz/

2562. For sale: Arizona Frequency Directory 4.5

Newsgroup: rec.radio.scanner
Date: 1995-02-28 06:45:42 UTC
From: dpalik@skyblu.ccit.arizona.edu
Message-ID: <1995Feb27.234542.1@skyblu.ccit.arizona.edu>
Source record: 260879

For sale: The Arizona Frequency Directory version 4.5

This is the big, fat book of all radio/scanner frequencies in use in Arizona.

I bought it for $60. I'd like $20 for it, but I may consider a trade.

Don Palik
dpalik@ccit.arizona.edu

2563. Re: SATCOM

Newsgroup: rec.radio.scanner
Date: 1995-02-28 07:56:31 UTC
From: kjn@netcom.com
Message-ID: <kjnD4pA28.EMG@netcom.com>
Source record: 260880

Tim Tyler says:
" To be succinct, Nick doesn't know what the hell he's talking about.

Alas... but that seems to be the case. An updated listing would be nice
to have in *one* location here in the group. The last listing I have is
from a 1991 freq. list (Military Radio Systems, 408-269-814).

Perhaps your friend could attach an ascii file to his mail and then send it.

Also, some of the transmissions are in SSB and WBFM. Most are NFM thou...

Regards;
Ken Navarre
--

2564. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-02-28 08:49:36 UTC
From: sacroughwell@csupomona.edu
Message-ID: <1995Feb28.004936@clstac>
Source record: 260881

In article <3iufu5$fgi@blackice.winternet.com>, faz@winternet.com (The Faz) writes:
> In article <3iq6s5$9qc@ralph.vnet.net>, sjacobs@vnet.net wrote:
>>> The Pro-51 in the US does not include the cell band in the test mode
> after
>>>the date code of 7A4. Maybe they are still selling the pre-banned Pro-51

> The test codes still work. But the 7A4's will have on channel 23 888mhz
> programmed in. This you normally can't get on the Pro-51.
> And not only does it need to be 7A4 or earlier but it must not have an
> orange dot on the box. Many RS's have 7A4's but with orange dot's.
>
My roommate and I just tried my PRO-51 "test mode" and it seemed to work just
fine. I got a couple extra frequencies I wasn't supposed to.
Channel 23 WAS 888.9600 MHz. Just thought I'd let y'all know this.

Later,
Scott
sacroughwell@csupomona.edu

2565. Still looking for GSM specs in the net.

Newsgroup: rec.radio.scanner
Date: 1995-02-28 09:24:46 UTC
From: ott@anubis.kbfi.ee
Message-ID: <3iuq4u$n5a@horos.kbfi.ee>
Source record: 260882

Hi,

Some weeks ago I posted a message asking for help finding GSM prtocol
definitions. Isn't there anybody who can help in concern of this matter?

regards,
oTT

2566. Re: Pro 62

Newsgroup: rec.radio.scanner
Date: 1995-02-28 10:34:27 UTC
From: Richard Williams <richlw@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950228053319.28693A-100000@moose.erie.net>
Source record: 260883

On Tue, 28 Feb 1995, The Faz wrote:

> In article <Rs26tsH.richlw@delphi.com>,
> Dick Williamms <richlw@delphi.com> wrote:
> >Looking to buy a hand held and from what I hear from friends
> >Radio Shack sells excellent
> >scanner. Stop by our local store and looked at the 43, 51 and
> >62. The salesman put the 51 back on the shelf stating - "you
> >don't want this one." Apparently (to him) it scans "too fast"
> >and it might miss a channel. The 43 was on sale at $190. He
> >then showed me the Pro 62 which has the same scan speed as the
> >43 but it has a "triple <something>" feature that is beneficial
> >in large metropolitan areas. So, I'd like to hear from those
> >more knowledgeable in this area than myself - maybe from those
> >with the Pro 62 and/or 43.
> >
> >Dick
> >
> Well the Pro-51 does scan faster than the 43 and 62. But the
> missed channels deal is a misnomer. The 43 and 62 both have Triple
> Conversion. But I would quickly turn around and run and grab the
> Pro-43. This item is discontinued and can scan the 200-400 band.
> It also the entire 900mhz range.
>
>
> ----------
> Christopher M. Fazendin faz@winternet.com
> The Network, Research & Development Division
> Blue Team Alpha, Project Memphis
> http://www.winternet.com/~faz/
>
>
Christopher,
Thanks for the info on the 43! Appreciate it as I am relatively new to
all this.
Dick

2567. UK Scanner Users

Newsgroup: rec.radio.scanner
Date: 1995-02-28 11:20:00 UTC
From: paul@termcon.demon.co.uk
Message-ID: <828732740wnr@termcon.demon.co.uk>
Source record: 260884
Cross-posted to: alt.radio.scanner,uk.radio.amateur,rec.radio.scanner

Hi All,

Question. Do you use a scanner ?

Question. Do you live in the U.K. ?

Then check out the newgroup - alt.radio.scanner.uk

For specific UK scanning details.
--
Paul
Email:paul@termcon.demon.co.uk
PGP2.6 Key Available on Request

2568. test

Newsgroup: rec.radio.scanner
Date: 1995-02-28 11:35:50 UTC
From: Dan Bjarnason <dbjarnas@toronto.cbc.ca>
Message-ID: <3iv1qm$b4c@relay.tor.hookup.net>
Source record: 260885

this is a test

2569. Vertex Radios

Newsgroup: rec.radio.scanner
Date: 1995-02-28 11:37:13 UTC
From: fsw9724@vaxb.isc.rit.edu
Message-ID: <1995Feb28.113713.20344@ultb.isc.rit.edu>
Source record: 260886

I too, have a Vertex UHF and programming software. Overall, I have to say it's a great radio, and very easy to program, allowing the user to configure each bank to his/her own needs. The programming software is easy to use, especially since I don't have the directions for it...Just the basic ones, and I figured out how to program it easily. I use it in my vehicle, and find no problems with it at all. Cheaper than a motorola, more channels, and that Alpha Numeric display is great.

One question I have for those who have the software for it...How do I program my signal tone? If anyone has the complete directions for doing this, I will gladly send a Self addressed stamped envelope or my address via Email if I could get a copy..

Thanks in advance...

2570. ni cad batteries

Newsgroup: rec.radio.scanner
Date: 1995-02-28 11:39:22 UTC
From: Dan Bjarnason <dbjarnas@toronto.cbc.ca>
Message-ID: <3iv21a$b4c@relay.tor.hookup.net>
Source record: 260887

can anyone please advise re AA ni-cads:
--does a fully charged ni cad deliver power as long as a
conventional battery?
--do the "rapid" re-chargers lower the life expectancy of the batteries?

many thanks ...

2571. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1995-02-28 12:50:52 UTC
From: parnass@att.com
Message-ID: <D4pnos.8KH@ssbunews.ih.att.com>
Source record: 260888
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: February 26, 1995. |

Lines changed since the previous issue are marked with a |
character in the right margin.

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
part on CDROMS, in bulletin boards, networks, or
publications which charge for service without permission of
the author. Free distribution is encouraged.]

This introduction is intended for people new to the
scanning hobby and is oriented to scanning in the USA. It
tells where you can buy your first scanner, what features
it should have, where to get it repaired if required, how
to get frequency information, and mentions a few scanner
clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by
what they overhear on their radios. Police cars, fire
engines, ambulances, armored cars, trains, taxis,
airplanes, and buses are all equipped with radios and you
can listen to them. You can monitor the local sheriff and
fire departments to hear about events "as they happen,"
before the news reporters hear about them. Hostage dramas,
bank robberies, car crashes, chemical spills, tornado
sightings are all fair game. In a single afternoon, you
can hear a high speed police chase, Drug Enforcement agents
on a sting operation, and undercover FBI agents as they
stakeout a suspect.

How about listening to a presidential candidate discuss
strategy with his advisor from a 415 MHz radiophone in Air
Force 1, or a team of G-men protect him while transmitting
in the 167 MHz range?

Baby monitor intercoms are actually transmitters and you
can hear them between 49.67 and 49.99 MHz.

Stay ahead of road conditions by listening to highway road
crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication. A new law outlaws listening to cordless phones, too, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the laws.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $9.95 + shipping from Grove Enterprises, PO Box 98, Brasstown, NC 28902.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend Trident nor many of the AOR brand scanners, although the AR8000 and AR3000 have good reputations.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners have larger displays and almost always provide more audio than portables, and some portables are more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 40 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Almost all low and mid-priced scanners are prone to receiving images -- receiving the same signal erroneously on two or more frequencies. With a few exceptions, images are undesireable due to the interference they cause, e.g., hearing aircraft transmissions while the scanner is tuned to the local police frequency. Premium quality scanners use "up conversion" circuitry, a scheme which greatly

reduces image reception.

Currently, the more popular scanners include the Uniden/Bearcat BC760XLT (a/k/a 950XLT) and discontinued Radio Shack PRO-2006 base/mobiles, the Uniden/Bearcat BC200XLT (a/k/a BC205XLT), BC220XLT, and Radio Shack PRO-43 portables. A number of owners report problems with the Icom R1 portable and the older Uniden/Bearcat 8500XLT base and 2500XLT portable. The new Uniden replacement models, the BC9000XLT and BC3000XLT, work very well and are my current favorites.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by the 1000 channel PRO-2035. The portable Radio Shack PRO-62 is a good performer. All three models employ up conversion and are made for Radio Shack by GRE (General Research Electronics). Both GRE and Uniden make scanners for Radio Shack.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so.

Portable scanners are supplied with a spring shaped antenna, covered by rubber. Although it is small and tolerant of physical abuse, the range of a heliflex antenna is very limited. Augmenting it with a 19" telescoping metal antenna can improve portable reception greatly.

Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801 (recently discontinued), can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be more prone to lightning strikes because they are not at "DC ground."

Coaxial Cable Feedlines

If your antenna installation requires more than 50 feet of feedline, use RG213/U or high quality RG8/U coaxial cable. RG213/U has a non-contaminating jacket and will last longer. Each has an outer diameter of about 13/32". Similarly sized Belden 9913 cable and clones have lower attenuation but are difficult to bend, require special connectors, and can accumulate moisture inside because it they are hollow.

If you must use a small diameter cable for long runs, use RG6/U. Avoid RG58/U (7/32" OD) due to its losses at high frequencies. RG8/X (1/4" OD) is suitable for short patch

cords.

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200. Telephone (orders only): (800)438-8155.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- The Ham Station, 220 N. Fulton Ave., Evansville, IN 47719-0522. Telephone (800)729-4373, (812)422-0231.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. By federal regulation, new scanner models cannot be easily modified to tune the cellular phone bands.

Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is Gene Hughes' Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, published by SMB Publishing (now known as Scanner Master Publishing), and available from Grove Enterprises for about $25. A new 3rd edition is expected in early 1995. Monitor America contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes

and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 9th edition is available from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Grove enterprises sells FCC license information on CDROM for $100. The fields are similar to PerCon's Spectrum

CDROM, but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom report. To make it easy to locate | transmitters, the report includes an 8-1/2" by 11" scaled | plot marked with transmitter sites (no streets). I call | this innovation RadioMap(TM) service. |

It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Industry uses RadioMap reports to | survey the "radio environment" prior to installation of | radios and wireless microphones at customer sites.

This is completely different from, and independent of the Grove Enterprises CDROM. *

Ham radio stations are not listed. The RadioMap report includes frequencies, callsigns, and licensee names. For a | flat fee, you choose the center location, and I choose the | range, depending on transmitter site density. A 5 mile | range (100 sq. mi. area) works well in most suburban areas. | In rural areas, ranges of up to 10 or more miles (400 sq. | mi. area) are possible, while ranges of 1 to 2 miles | produce best results in urban cities, e.g., Manhattan and | downtown Chicago.

I will produce custom RadioMap reports for areas in any of | the 50 states. Send $19.95 (check or money order) for each RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time. |

Price increases to $25.95 on April 1, 1995.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA
General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly
publication, The American Scannergram, is about 60 pages
long. Although concentrating on Ohio and the Northeastern
states, there is frequency information from other states,
and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo,
AOSCNet, distributed via FTN on 6 BBS systems, and via
Internet Mailing list. For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via
Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file
contains an outline of the material you will find in the
American Scannergram, the AOSCNet, and an application for
membership. (Note: This file will not be sent back to
*.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is
the foremost club for scanner radio hobbyists in the
northern Illinois area. CARMA was formed from the Chicago
chapter of the Radio Communications Monitoring Association
(RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays, most at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members often sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $15 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Some CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1995. All meetings will be held on Saturdays at locations announced in advance.

February 18, 1995 - Westmont Police Dept.
April 15
June 17
August 19
October 14
December 16

Bring a notebook and your appetite.
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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2572. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-02-28 12:52:18 UTC
From: parnass@att.com
Message-ID: <D4pnr6.8oy@ssbunews.ih.att.com>
Source record: 260889
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed February 26, 1995 |

Lines changed since the previous issue are marked with a |
character in the right margin.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
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I am often asked, "How do you find these frequencies?"
Scanner enthusiasts can obtain frequency information from
several sources, including books, government microfiche
records, or other listeners.

Books

The most convenient source of fire and police frequencies
is the Police Call Radio Guide, published each year in 9
regional volumes by Hollins Radio Data, and sold at Radio
Shack and larger book stores for under $10. Police Call is
basically a computer printout of FCC license information in
the fire, police, local government, and conservation
services in two lists: by licensee name within state, and
by frequency. Later editions have included a few pages of
local airport and nonsensitive federal government
frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor
America, published by Scanner Master Corp., and available
from Grove Enterprises for about $25. This second edition
is crammed full of police, fire, local government, news
media, sports, national park, and commercial broadcast
frequencies for all 50 states. The information was
compiled mainly from members of the world's largest
scanning club, the Radio Communications Monitoring
Association (RCMA). Monitor America contains detailed
communications system profiles and precinct maps for major
metropolitan areas. Police and fire radio codes and unit
identifiers unique to local agencies are listed for several
cities. This differs from Police Call, which gives a more
sterile, but uniform treatment of licensees, listing even

the smallest of towns. A 3rd edition is expected in early 1995.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is a good book for this difficult to obtain information.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells information on CDROM for $100 instead. The fields are similar to PerCon's Spectrum CDROM (see below), but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom report. To make it easy to locate | transmitters, the report includes an 8-1/2" by 11" scaled | plot marked with transmitter sites (no streets). I call | this innovation RadioMap(TM) service. |

It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Industry uses RadioMap reports to | survey the "radio environment" prior to installation of | radios and wireless microphones at customer sites.

This is completely different from, and independent of the Grove Enterprises CDROM. *

Ham radio stations are not listed. The RadioMap report includes frequencies, callsigns, and licensee names. For a | flat fee, you choose the center location, and I choose the | range, depending on transmitter site density. A 5 mile | range (100 sq. mi. area) works well in most suburban areas. | In rural areas, ranges of up to 10 or more miles (400 sq. | mi. area) are possible, while ranges of 1 to 2 miles | produce best results in urban cities, e.g., Manhattan and | downtown Chicago.

I will produce custom RadioMap reports for areas in any of | the 50 states. Send $19.95 (check or money order) for each RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time. |

Price increases to $25.95 on April 1, 1995.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information

is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters.

Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a

local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls.

A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

order line (800)438-8155

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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2573. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1995-02-28 12:54:06 UTC
From: parnass@att.com
Message-ID: <D4pnu7.8u7@ssbunews.ih.att.com>
Source record: 260890
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed February 1, 1995 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the 1968 vintage Bearcat BCH, BCL, and BCU models, did not provide individual channel lockout capability. Electra didn't use the term "scanner" and instead called these innovative radios "business receivers." Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar

Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and older | scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and

Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741, 800-725-1426 |

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970
tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be

installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store

feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives

10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The

most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More

sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners. |

PRO2022: Base/mobile scanner. Like the PRO2021 but | includes the 800 MHz band. Cellular images throughout the | 847.6 - 869 MHz range. Includes power saver circuit, odd | for a base unit, which can clip the first part of a | transmission.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit

room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off

frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e., no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar #chan- VHF VHF UHF lock-
Model nels low high scans? outs?

FR104 6 X no
FR105 6 X no
FR2512 24 X no
FR2513 24 X no
FR2514 8 X yes no
FR2515 8 X yes no
FR2526 10 X yes yes
FR2526 10 X X yes yes
FR2528 10 X X yes yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

Plectron and Motorla Alert Monitor Receivers

In the 1960s and 1970s, thousands of firemen and ambulance squad members came to rely on their transistor Plectron and Motorola Alert monitor receivers. They have now been replaced by portable pagers, and are often available at hamfests in the $5 - $25 range. Since many are in rough condition and need repair, a hamfest special is better suited for hobbyists who like to fix their own radios.

Plectron and Motorola Alert crystal controlled receivers are excellent for dedicated monitoring of local frequencies -- a task for which you wouldn't want to tie up your 400 channel programmable scanner. These radios are fixed channel units and do not scan. They can be powered form 117VAC or 12VDC with the proper mobile cord.

The audio quality on a Plectron P1 or 700 series is far better than any consumer grade scanner and the sensitivity and intermod immunity is outstanding if aligned properly. The Plectron 500 series is less desireable. The Motorola Alert monitors are pretty good, although the audio lacks bass.

No single Plectron or Motorola Alert monitor can cover the entire 30-50 MHz band, and there were versions optimized for each portion of the band. There were different "split" models to cover segments of VHF-hi band, too. Although UHF versions were made, they are somewhat rare.

Both brands of receiver require special crystals. I sometimes use Radio Shack's generic 3rd overtone scanner crystals in the Plectrons but they oscillate on frequencies far away from their marked frequencies. That's because the Plectron oscillator is designed to be used with a crystal which oscillates on its fundamental, not overtone, frequency.

If you find the squelch on your Plectron 700 series receiver has too much hysteresis, replace R96, a 180K resistor, with a 560K resistor. On the P1, the resistor is designated R81.

Parts for Plectron receivers are available from:

Plectron
Plectron Place
P.O. Box 960
Imboden, Arkansas 72434

telephone 1-(501)869-2877

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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2574. Re: TV station ID, New York area

Newsgroup: rec.radio.scanner
Date: 1995-02-28 13:13:05 UTC
From: root@detschel.Berkeley.EDU
Message-ID: <3iv7h1$ik9@watnews2.watson.ibm.com>
Source record: 260891

Probably WTEN Albany NY / WCDC ? Adams Mass. They do rebroadcast the signal on the other channel for Adams. If this sounds like the one you saw let me know and I will try to look up the address - I do have an albany phone book at home.

Bill Detschel N2IPK detschel@vnet.ibm.com

2575. Re: Pro-51 for sale

Newsgroup: rec.radio.scanner
Date: 1995-02-28 13:16:27 UTC
From: dusty@svpal.svpal.org
Message-ID: <3iv7nc$7rv@borg.svpal.org>
Source record: 260892

The Faz (faz@winternet.com) wrote:
: Interesting price. It's on sale for $219 new.

Perhaps you forgot to read the rest of the message, the part that said "or best offer". I kinda thought the price police were guilty of selective reading. Don't worry, I'm not out to fuck anybody.
Dusty

2576. Re: RCMA Newsletter: Where to get it?

Newsgroup: rec.radio.scanner
Date: 1995-02-28 14:14:11 UTC
From: plaws@comp.uark.edu
Message-ID: <3ivb3j$35j@wizard.uark.edu>
Source record: 260858

Jonathan Bulliung (knight@crash.cts.com) wrote:
: Well the title says it all. Where can I get the RCMA Newsletter?
: Can it be bought at local magazine stands. Also, where can I get
: back-issues (specfically January:). Also...what is the RCMA Newsletter
: about, and what does it stand for. Thanks!

: Jonathan Bulliung
: Knight@ctsnet.cts.com

Jonathon -

RCMA's _Scanner Journal_ is available at all Ham Radio Outlet stores
nationwide as well as a variety of other radio and electronic shops.

Radio Communications Monitoring Association

Established in 1975, we are "The First National and International
Organization of Monitor Radio Listeners" to quote the front cover of the
our monthly, 45+ page news magazine.

Scanner Journal is primarily aimed at monitoring VHF/UHF Public
Safety in all fifty states, Canada, and the rest of the known galaxy.
That is not to say that we are exclusively for Public Safety monitors! We
also have columns for beginners, Marine band enthusiasts, Air buffs,
Railroad monitors, HF non-broadcast, even a column on Space
Communications.

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submitted by members.

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To subscribe or to get a sample issue (US$2.00), Write to:

Radio Communications Monitoring Association, Inc.
PO BOX 542
SILVERADO CA 92676
USA

And please mention that you read about the club on the internet!

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

2577. Need freq !!!

Newsgroup: rec.radio.scanner
Date: 1995-02-28 14:31:22 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3ivc3q$mje@gazette.bcm.tmc.edu>
Source record: 260893

Does anyone in the Houston area have the tower freq for Ellington Field
south of Houston ?

Thanks in advance,
tim

2578. MVT7100

Newsgroup: rec.radio.scanner
Date: 1995-02-28 15:01:00 UTC
From: joe.taylor@woodybbs.com
Message-ID: <93.4027.7592.0NFB95E3@woodybbs.com>
Source record: 260807

Date/time : 25-Feb 09:23
Title : THE ULTIMATE SCANNER
From: KC6UJK@KC6PJW.#NOCAL.CA.USA.NOAM
I am placing this add for a friend of mine.
He has a scanner that he would like to sell the frequency range
displayed is from 0.1 MHz ~ 1650 MHz. NO GAPS Receive mode is WFM, FM,
AM, LSB, USB. The step frequency is 50Hz, 100Hz, 1khz, 5khz, 6.25khz,
9khz, 10khz, 12.5khz, 20khz, 25khz, 50khz, and 100khz. This also has
1000 memory channels + power supply The name of this scanner is
YUPITERU MVT-7100. He is asking $750.00. If interested give Richard a
call at 707-431-8459 before 2100 hours Pacific time.
73 Allen

• BgNet 1.0•12 • 049/000: Pipeline BBS - Glasgow, Ky - 502-651-2556

2579. Re: ni cad batteries

Newsgroup: rec.radio.scanner
Date: 1995-02-28 15:43:36 UTC
From: rats@ihlpm.ihsam.att.com
Message-ID: <D4pvoo.CDp@nntpa.cb.att.com>
Source record: 260894

|can anyone please advise re AA ni-cads:
|--does a fully charged ni cad deliver power as long as a
|conventional battery?

No. The mA-hour capacity of a NiCad "AA" cell is on the order
of 450-900, depending on manufacturer's model. NiCads have a
relatively constant voltage until near full-discharge though...

|--do the "rapid" re-chargers lower the life expectancy of the batteries?

As long as the temperature rise during recharging is within
manufacturer's specs, probably not... get yourself a copy of the
Digi-Key catalog (1-800-344-4539), as they sell Panasonic NiCads
of various types, including "AA"s designed for 1C-rate recharge
(Rapid Charge "R" type) and High Capacity "E" types...

2580. BC2500XLT Cell Mod too

Newsgroup: rec.radio.scanner
Date: 1995-02-28 16:17:13 UTC
From: jprahl@robins.af.mil
Message-ID: <3ivia9$fbv@wrdis02.robins.af.mil>
Source record: 260923

I too am looking for a Cell Mod for a BC2500XLT scanner. Anyone Know
of a way?

John

2581. Re: ni cad batteries

Newsgroup: rec.radio.scanner
Date: 1995-02-28 17:59:58 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Feb28.175958.27629@news.csuohio.edu>
Source record: 260912

dbjarnas@toronto.cbc.ca (Dan Bjarnason) writes:
: can anyone please advise re AA ni-cads:
: --does a fully charged ni cad deliver power as long as a
: conventional battery?

No. However, the ni-cad battery generally does not taper off
gradually like a conventional battery, rather, it holds the
charge constant then tapers off more rapidly near the end.

: --do the "rapid" re-chargers lower the life expectancy of the batteries?

Generally, I don't think so, as long as you don't over charge.
Radio shack sells a nicad charger that will discharge the batteries
so you wind up taking them thru a full charge cycle, supposedly
making the batteries last longer and not be subjected to the
"memory effect"

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

2582. Startek ATH-15 w/one shot $125

Newsgroup: rec.radio.scanner
Date: 1995-02-28 18:05:32 UTC
From: eskin@btree.brooktree.com
Message-ID: <3ivolc$odp@btree.brooktree.com>
Source record: 260918

Startek ATH-15 Frequency Counter with one-shot option, case, charger,
and telescoping antenna. As new. $125.00

Selling because I picked up an Opto Scout.

Michael Eskin KC6NZK

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

2583. Where to get Uniden Bearcat fixed ??

Newsgroup: rec.radio.scanner
Date: 1995-02-28 18:16:01 UTC
From: louis@cpd.Tandem.COM
Message-ID: <D4q2qq.Etw@cpd.tandem.com>
Source record: 260914

Where is the best place to have my Bearcat fixed ??? All I get is
a low battery condition on the front panel. I ordered a new battery
from grove and that did not help. ---Louis

2584. Hamfest-Monroeville, PA

Newsgroup: rec.radio.scanner
Date: 1995-02-28 18:53:56 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-280295135440@132.226.103.40>
Source record: 260924

For all interested parties near Monroeville, PA:

I recently read in a local paper about a Hamfest at the Monroeville Expo Mart near the Monroeville Mall. Sunday March 26, 8 am to 3 pm. No more details than that were reported. Call the ExpoMart for more details 412-856-1133.

73's

no e-mail, please !!

2585. Re: Looking for an alpha-numeric scanner; any help?

Newsgroup: rec.radio.scanner
Date: 1995-02-28 18:54:53 UTC
From: jmmorrison@aol.com
Message-ID: <3ivrht$qh2@newsbf02.news.aol.com>
Source record: 260919

Uniden 8100 (mobile) and Uniden 8500/9000XLT (base/mobile) have alphanumeric capabilities. The AR8000 is a handheld with alphanumeric.

I think the 8100 has 100 channels while the 8500/9000 have 500 channels but only so many of the 500 can be alpha. The 8500 is being replaced by the 9000 due to general poor operating performance.

John M Morrison, Detroit, MI

2586. Comtronix or Optoscan OS456 for my Pro-2006?

Newsgroup: rec.radio.scanner
Date: 1995-02-28 19:42:28 UTC
From: vidiot@primus.paranoia.com
Message-ID: <3ivub4$sfr@primus.paranoia.com>
Source record: 260922
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Okay here's the deal...I'm about to buy one of these two computer boards for my Pro-2006. Question is, which is the better board? The Comtronix is about a hundred bucks cheaper than OptoElectronics' board. I'm planning on interfacing my scanner, with one of the two boards, and a DDI. Anyone have experience(s) with either of the two?

Thanks. Email preferred.

vidiot

2587. Pro-43 for $199.95 at Radio Shack!

Newsgroup: rec.radio.scanner
Date: 1995-02-28 19:48:42 UTC
From: vidiot@primus.paranoia.com
Message-ID: <3ivumq$sm9@primus.paranoia.com>
Source record: 260826
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Radio Shack is discontinued their Pro-43's. There was a thread on
here a while back, as to whether they were still modifiable or not.
What was it I was supposed to look for? Email please.

2588. DESPARATLY NEED NASCAR BGN FREQS.

Newsgroup: rec.radio.scanner
Date: 1995-02-28 20:17:09 UTC
From: jss@etbsun.larc.nasa.gov
Message-ID: <3j00c5$gu0@reznor.larc.nasa.gov>
Source record: 260832

I going to the NASCAR Busch race this saturday and really want to use my scanner to listen to the race teams. I would greatly appreciate someone e-mailing a list of freqsfor them.

Thanks in advance;
Jim

P.S. Thanks to those who responded to my request for Winston Cup team freqs.

********** I was lined up for glory but the tickets
** Jim Smith - PCB designer ** sold out in advance. - Neil Peart
** jss@longstreet.larc.nasa.gov **
********** NASA-where tomarrow is still yesterday

2589. For Sale- Complete Packet set-up

Newsgroup: rec.radio.scanner
Date: 1995-02-28 21:20:14 UTC
From: dholwell@hornblower.coop.mun.ca
Message-ID: <dholwell.58.001556F5@hornblower.coop.mun.ca>
Source record: 260856

In article <dholwell.57.0015547A@hornblower.coop.mun.ca> dholwell@hornblower.coop.mun.ca (Darin Holwell) writes:
>From: dholwell@hornblower.coop.mun.ca (Darin Holwell)
>Subject: For Sale- Complete Packet set-up
>Date: Tue, 28 Feb 1995 21:19:39

>In article <dholwell.56.00154F3B@hornblower.coop.mun.ca> dholwell@hornblower.coop.mun.ca (Darin Holwell) writes:
>>From: dholwell@hornblower.coop.mun.ca (Darin Holwell)
>>Subject: For Sale- Complete Packet set-up
>>Date: Tue, 28 Feb 1995 21:18:25

>>Hi There.

>>I have for sale a complete packet setup
>>The package includes:

>>* Marconi dt93 145.010 dedicated 30watt transceiver.
>>* Kantronics KPC3 TNC Like new with all manuals and box.
>>* Digital VT100 Dumb terminal with manuals
>>* 6 1/2 Amp Stabylex power supply
>>* Altron 3 Amp power supply

>>* Can include J-Pole homebrew antenna if so required.

>>All in excellent shape and perfect working order.

>>Asking $ 495.00 O.N.O. or may consider trade on computer related items, such
>>as Ram, CPU upgrade or Multimedia equipment.

>>Also Alinco 2M HT (DJ-100T) very small and works great 195.00 O.N.O.
>>Also Realistic 2022 Base scanner. Like new with box and manuals. $275.00 O.N.O.

>>Regards
>>Darin Holwell

>>dholwell@hornblower.coop.mun.ca

>>or 709 738 1600

2590. Pro-43 vs. BC220XLT?

Newsgroup: rec.radio.scanner
Date: 1995-02-28 21:37:05 UTC
From: stang1@csupomona.edu
Message-ID: <1995Feb28.133705@clstac>
Source record: 260841

Could anyone tell me which is better Pro-43 or BC-220xlt?
Also, are they modifiable for cellular freq?

Thanks in advance.

2591. Re: AR8000 for trade or sale

Newsgroup: rec.radio.scanner
Date: 1995-02-28 23:54:09 UTC
From: dfleming@earth.execpc.com
Message-ID: <3j0d31$cj5@homer.alpha.net>
Source record: 260840

Michael Kroeger (mikekg7s@ix.netcom.com) wrote:
: In <3ih3r1$dh1@ixnews2.ix.netcom.com> OpenOp@ix.netcom.com (Steven
: Skindell) writes:

: >
: >I have a AR8000 for trade of for sale. Would like to trade for old icom
: >r1 scanner.
: >
: >Please leave email.
: >
: >

: Too bad he made the deal. I was going to offer my AR1000
: and two TI-99 computers. Oh, Well.
To bad for whom? TI-99 computers don't even make good doorstops like my
old Apple does. I wouldn't trade my 8000 for two ar1000's and 10 TI-99's
cause I really like it, cheap case and all......;)

2592. Re: Info about PC scanner cards

Newsgroup: rec.radio.scanner
Date: 1995-03-01 00:01:23 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.15b3@portal.apana.org.au>
Source record: 260895

On Tue 21-Feb-1995 11:07a, Brett Miller - N7OLQ wrote:

BN> In article <D49qp1.L6K@actcom.co.il> gk@shani.co.il (Gil Kushilevitz)
BN> writes:

BN> >Does someone has info about PC scanner cards (models, prices,
BN> >etc.)?

BN> >Your help will be well appreciated.
BN> >E-mail replies R preffered.

BN> I do not think there are any PC cards that will perform the functions of a
BN> scanner.

I think he just may have meant a scanner as in taking of a picture and digitizing it to the PC form! :)... If i had a dollar for eaach person that said after i said i had a scanner, Oh can you do some pics for me??, then id be rich! :)...

Quote: Dew knot trussed yore spell checquer two fined awl mistakes.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

2593. Looking for Hawaii (Oahu) frequencies.

Newsgroup: rec.radio.scanner
Date: 1995-03-01 00:13:46 UTC
From: jschribr@crash.cts.com
Message-ID: <jschribr.794016826@crash.cts.com>
Source record: 260861
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm going to Hawaii in a couple of weeks and I'm looking for some
frequencies to punch in to my scanner. Last time I was their I got
some freqs from a Radio Shack but they were just a few very basic police
fire freqs and I don't think it was a complete list by any means. They
even had the nerve to charge me three bucks!! But that's another story.

If anyone has any freqs that they could e-mail me, it would be greatly
appreciated.

Thanks in advance,

Jeff Schriber
jschribr@cts.com
k

2594. Re: Recycled baby monitor

Newsgroup: rec.radio.scanner
Date: 1995-03-01 01:49:53 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D4qnr5.55o@ssbunews.ih.att.com>
Source record: 260872
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3j09nv$g7v@innsrv.sce.com>,
Scott Currie N6ECN <scurrie@vnet.ibm.com> wrote:

>.. came across the old baby monitor. ...then I thought
> about using it as a repeater for the 2006. After a few simple mods,
> it is hardwired to the scanner and it works great!!
> I can listen to all my favorite stuff while working around
> the house and I don't even worry about scratching
>up the radio!!

Yes, they are handy. I've had 2 baby monitor repeaters in 24 hour
operation for a couple of years now, repeating scanner traffic:

CONVERTING THE FISHER-PRICE BABY MONITOR INTO A REPEATER

Copyright 1993, 1994 Bob Parnass, AJ9S

The Fisher-Price baby monitor (model 157) consists of
an AC operated, low power FM transmitter, and a battery
operated receiver. Both transmitter and receiver are
equipped with 2 crystal controlled channels in the 49
MHz range. The unit modified for this article was
equipped with 49.845 and 49.875 MHz channels, desig-
nated 'C' and 'D' respectively.

This modification allows a hobbyist to connect the baby
monitor transmitter to the TAPE jack of a scanner or
shortwave receiver and rebroadcast the transmissions in
the 49 MHz range. One can roam around the house or
yard with the portable baby monitor receiver, a port-
able scanner tuned in the 49 MHz range, or even a 2
meter walkie talkie tuned to the 3rd harmonic, listen-
ing to transmissions intercepted by a base receiver.

No changes are needed in the baby monitor receiver,
although one could disconnect the red light emitting
diode (LED) to prolong battery life. In the
transmitter, we will be disconnecting the microphone
and installing a 1/8" phone jack and DC blocking capa-
citor.

Parts needed for the modification:

- 1/8" miniature phone jack

- A capacitor with rating of 25 volts or higher. Use of the baby monitor with most receivers requires a 0.001 microfarad capacitor, e.g., a Radio Shack PRO-2004, PRO-2005, PRO-2006, Icom R-7000, R71A, or NRD-525 receiver. Older Bearcat scanners, like the Electra Bearcat BC300, BC220, BC20/20, or BC250 scanner will require you use a 0.1 microfarad capacitor instead.

- insulated hookup wire

- solder

- heat shrink tubing or electrical tape

To modify the Fisher-Price transmitter:

1. Make sure the transmitter is disconnected from the AC line.

- 2 -

2. Turn the transmitter upside down and use your fingernail or a small screwdriver to remove the rubber feet, fastened with rubber cement. You should now see 4 Phillips screws holding the top and bottom of the plastic cabinet together. Remove the 4 screws and save them for reassembly.

3. The rubberized antenna and microphone are connected, using crimp on connectors, to pins on the printed circuit board (PCB). Using a needle nose pliers, temporarily disconnect the white wire that connects the antenna to the PCB.

4. Using a needle nose pliers, disconnect the 2 conductors of the shielded cable that connect the microphone to the PCB. Tape the ends of the shielded wire and stuff them back into the cabinet top. The microphone is disconnected to prevent the transmitter from repeating room noises. If you don't disable the microphone, you will be "bugging" your own house!

5. Remove the cabinet top and drill a 1/4" hole in the side of the cabinet top.

6. Mount a 1/8" miniature phone jack in the hole. Don't overtighten the nut or else the plastic case might crack.

Note: although most phone jacks have 3 solder terminals, we will be using only 2 of the 3 terminals.

7. Solder the end of a piece of insulated hookup wire to the sleeve terminal of the jack.

8. Solder the other end to the pin on the PCB where the microphone shield had been connected.

9. The original circuit placed a DC voltage across the microphone. We must add a blocking capacitor to prevent any DC from flowing between the transmitter and the scanner or shortwave receiver. Solder one end of the capacitor to the tip terminal of the jack.

10. Solder the other end of the capacitor to a short length of insulated hookup wire.

11. Slip a length of heat shrink tubing over the capacitor. If you have no tubing, you can use

electrical tape instead. Solder the other end of the wire to the pin on the PCB where the micro-phone center conductor had been connected.

12. Reconnect antenna to the PCB.

13. Using the 4 Phillips screws from an earlier step, reassemble the cabinet top and bottom pieces.

14. Replace the rubber feet. That completes the modification.

Use a shielded patch cord to connect the Fisher-Price transmitter to the TAPE jack of your scanner or shortwave receiver. If your receiver has no TAPE jack, try connecting the transmitter to the earphone jack.

As a last resort, you could use the external speaker jack. If audio from the speaker jack overloads the baby monitor transmitter, producing distortion, use an attenuating patch cable to reduce the audio signal level.

The same modification has been applied to the PlayS-chool baby monitor, which is housed in a different style plastic case.

If your neighbors have scanners, cordless phones, or baby monitors, they can probably listen in to your scanner, too!

--

==========
Copyright 1995, Bob Parnass, AJ9S

AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2595. RS PRO - 43 and RS Quality

Newsgroup: rec.radio.scanner
Date: 1995-03-01 02:06:43 UTC
From: creal@cs.buffalo.edu
Message-ID: <D4qoJ8.64r@acsu.buffalo.edu>
Source record: 260857

Hello All:

I've been following this newsgroup for about 2 months and finally decided to get a scanner.

After all opinions, I opted for a PRO 43. Knowing the 43 is veryp popular coupled with the fact that RS discontinued it last November I set out to find one against all odds.

After callling every RS in the immediate area, I decided to purchase the last PRO-39 available in one store with the proper date code. I had asked several RS's to look out for a PRO-43 but to no avail. So somewhat satisfied with the 39 that I had found, I downloaded the mod files from oak.oakland.edu and proceeded to open the scanner up. Sitting at home, I grabbed a beer, the solder iron and screwdriver set. I opened the back of the scanner and just as I was about to unsolder the antenna connection, RING! I answer the phone. It turns out to be a local RS store, whose diligent clerk had found me a 43 date code 3A3!

Needless to say, I unplugged the solder iron, reassembled the 39 and hopped in the car to drive to the local RS store, obeying the speed limit of course.

One half hour later I was happliy at home, with my new PRO-43 in hand. I retrieved the mods for the 43 from oakland and grabbed another beer (since I didn't even get a sip of the last one). While reading the mods carefully I decided to try out the scanner before operating on it. I set the limits for 46-49 and started scanning. While reading the mods, I heard nothing from the scanner. Hmmmmmmmmmm. Curious no one is talking. Oh well. Unplugged the scanner and began to open the scanner up. Removed the back cover and to my surprise, I found the circuit board desoldered from the antenna. No wonder the scanner would not pick up anything. Guess the RS tech that did the mod to lock the cellular was in too much of a hurry to put it back together Well, after 30 minutes and one beer I reassembled the scanner,
put the batts in and fired it up. Everything worked great. It's a shame to have a scanner that can pick up cellular when it is against the law to listen. DAMN!

Was listening to the 46-49 mhz range and heard a voice scrambled phone. Now where did I put that number for Ramsey Electronics?

Happy scanning all!

rich creal

2596. Re: Pro-43 vs. BC220XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 02:56:03 UTC
From: ncschult@saturn.acs.oakland.edu
Message-ID: <ncschult.794026563@saturn.acs.oakland.edu>
Source record: 260897

stang1@csupomona.edu writes:

I own both, The Pro 43 is a much better scanner. The Pro 43 has the
military aircraft and TRIPLE conversion. The BC 220 XLT doesn't have the
mil. Air and is only double conversion. I have had a lot of problems
with images/gosts with the 220. As far as I know there is no cellular
mod for the 220 and the pro 43 must be an older unit. The BC 220 XLT
does have some neat wistles and bells, but when it comes down to every
day use I'll take sthe Pro 43.

` Regards, Neil
==========

> Could anyone tell me which is better Pro-43 or BC-220xlt?
>Also, are they modifiable for cellular freq?

>Thanks in advance.
--

----------N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

2597. Any Pro-35 Mods around?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 03:18:37 UTC
From: grobilla@emr1.emr.ca
Message-ID: <D4qrv1.4HH@emr1.emr.ca>
Source record: 260789

I just recently came into possession of a pro-35, and I'm just beginning
to enjoy the 'sport' of scanning.

I was wondering if anybody has any mods or hints, etc. for using
a pro-35.

Any info would be greatly appreciated.

Thanks in advance

2598. Adjusting AT&T Cordless Phone Channels

Newsgroup: rec.radio.scanner
Date: 1995-03-01 03:39:55 UTC
From: cg1@ssnet.com
Message-ID: <3j0qab$m78@marlin.ssnet.com>
Source record: 260871
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner

I have two AT&T cordless phones: a 3-channel 1-line phone, and a 2-channel 2-line phone (model 5352). The 1-line phone works fine in my area on 2 of its 3 channels, but the 2-line phone works like crap on either of its 2 channels. I would like to change 1 or both of the preset channels to other frequencies for better reception.

Upon looking inside both the base and handset, there isn't an obvious channel selection rheostat or dip-switch. Does anyone know if there is a non-factory modification to change the presets? This is $170 of phone I'm having to keep in storage because it is unusable in my area.

Thanks in advance,
Mark

2599. Re: now a no-no to monitor cordless phones

Newsgroup: rec.radio.scanner
Date: 1995-03-01 05:08:01 UTC
From: billsohl@earth.planet.net
Message-ID: <3j0vfh$j8u@jupiter.planet.net>
Source record: 260873

Wwhitby (wwhitby@aol.com) wrote:
: Isn't this a case of shutting the barn door after the horse has bolted? I
: can remember the 1st scanner my dad bought in 1977. It had the cordless
: frequencies in it. How many scanners have been made since then?

Additionally, the change in the law (the ECPA) which now makes it
illegal to listen to cordless does not, in any way, prohibit the
continued manufacture and sale of scanners which include the cordless
frequencies. Therefore, probably every new scanner being made and sold
adds to the millions already in use.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

2600. Re: Comtronix or Optoscan OS456 for my Pro-2006?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 05:36:29 UTC
From: Bruce Sutherland <76050.1131@CompuServe.COM>
Message-ID: <3j114t$6vl$1@mhadf.production.compuserve.com>
Source record: 260874

The OptoElectronics Definately..... No Contest.

2601. Re: Pro-39 vs Pro-43: Intermod & mods

Newsgroup: rec.radio.scanner
Date: 1995-03-01 05:47:02 UTC
From: robert@eden.com
Message-ID: <3j11om$mvq@boris.eden.com>
Source record: 260785

Mike Beaty (mbeaty@nyx10.cs.du.edu) wrote:
: I'm comparing Radio Shack's Pro-43 to the Pro-39. I like the 43's
: features -- no doubt. But I'm getting a bunch of intermod while
: monitoring on VHF on the 43 that I don't get on the 39. Unfortunately
: for me, I mostly monitor VHF and I live near an antenna farm.

: Because of this, I'm listening to the 39 more than the 43. A couple of
: questions:
: 1. Can all of the Pro-39's be modified for cellular reception,
: regardless of date code? Date code is 12A3, no A on the model
: or FCC ID suffix....
: 2. The Pro-43 is modifiable. During the modification process,
: what could have increased the intermod, if anything? A cold
: solder joint on the ground wire (or would it simply not work)?

: Here's what I think, based on my limited previous knowledge: all
: Pro-39's are modifiable. The mod on the 43 didn't increase the intermod
: as the 43 is known to be susceptible, especially on VHF. So, if I'm
: wrong, I'd really like someone to set me straight!

: If I'm right, I'll have a 43 for sale.... Thought I'd never chose a 39
: over the 43, but I can't afford both and I'm listening to the 39 more at
: the moment.

: advTHANKSance.

: Mike
: --
: Mike Beaty mbeaty@nyx.cs.du.edu
: Valleylab, Inc. (a maker of electrosurgical instruments) 303/530-6545

2602. Anyone in ADELAIDE, AUSTRALIA?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 06:13:53 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3j13b1$2i8$1@adelaide.DIALix.oz.au>
Source record: 260898
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
Some questions:
---------------

1 Do you live in ADELAIDE, SOUTH AUSTRALIA?

2 Are you into scanners?

3 If so, do you want to chat about scanners, swap frqs etc etc etc
for Adelaide?

If you answered YES to all above questions then write to me. I would
like a scanner 'penpal' from my area to swap info etc etc.

Im waiting for your response.......

Matthew
matthew@adelaide.DIALix.oz.au
```

2603. Re: Radio Shack Pro 36 scanner: Any Good?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 07:15:47 UTC
From: orkin@delphi.com
Message-ID: <x28Y9Kb.orkin@delphi.com>
Source record: 260899

That was my first scanner when it first came out ,it is okay but for alittle bit more money you can get something a little better from shack.
They have thee newer stuff on sale alot i had noticed.
If i was you i would hold out and get something with more channels and 880 mhz capability.

Thats just my personal opinion.

2604. Cell plan w/extended frequiencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 08:58:10 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.154.0008F87B@ccm.hf.intel.com>
Source record: 260850

Does anyone know where to find a breakdown of cellular
frequencies by cell, using the 21 cell plan, which includes
the extended cellular frequencies? I have several charts
that show frequencies by cell, but none of them include
frequencies above 890. I know what the frequency range is
but I need to know which frequencies are assigned to each
cell.

For example, here is a listing of a cell, but notice none
of the extended frequeincies are listed. Can anyone fill
in the missing frequencies for this cell?

Cell # 10

Channel 1 (324) Tx 879.720 Rx 834.720
Channel 2 (303) Tx 879.090 Rx 834.090
Channel 3 (282) Tx 878.460 Rx 833.460
Channel 4 (261) Tx 877.830 Rx 832.830
Channel 5 (240) Tx 877.200 Rx 832.200
Channel 6 (219) Tx 876.570 Rx 831.570
Channel 7 (198) Tx 875.940 Rx 830.940
Channel 8 (177) Tx 875.310 Rx 830.310
Channel 9 (156) Tx 874.680 Rx 829.680
Channel 10 (135) Tx 874.050 Rx 829.050
Channel 11(114) Tx 873.420 Rx 828.420
Channel 12(93) Tx 872.790 Rx 827.790
Channel 13(72) Tx 872.160 Rx 827.160
Channel 14(51) Tx 871.530 Rx 826.530
Channel 15(30) Tx 870.900 Rx 825.900
Channel 16(9) Tx 870.270 Rx 825.270

Thanks

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2605. Pro-34

Newsgroup: rec.radio.scanner
Date: 1995-03-01 09:43:51 UTC
From: sammy@spacecom.com
Message-ID: <sammy.24.0009BB60@spacecom.com>
Source record: 260905

I am new at this. A co-worker has a Radio shack Pro-34 scanner, selling it for $250.00. Is it worth the price? Does it get all the good Freq's?

Thanks for any help.

2606. Re: Hamfest-Monroeville, PA

Newsgroup: rec.radio.scanner
Date: 1995-03-01 10:25:56 UTC
From: Richard Williams <richlw@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950301052510.3966B-100000@moose.erie.net>
Source record: 260900

On 28 Feb 1995, Joe Casato wrote:

> For all interested parties near Monroeville, PA:
>
> I recently read in a local paper about a Hamfest at the Monroeville Expo
> Mart near the Monroeville Mall. Sunday March 26, 8 am to 3 pm. No more
> details than that were reported. Call the ExpoMart for more details
> 412-856-1133.
>
> 73's
>
> no e-mail, please !!
>
>

Let's not forget the Hanfest in Dayton, OH the last weekend in April!
It's big, REALLY big.
Dick

2607. Re: Mobile Data Terminals

Newsgroup: rec.radio.scanner
Date: 1995-03-01 12:39:18 UTC
From: peter@Thoth.st.3Com.com
Message-ID: <3516@bridge2.NSD.3Com.COM>
Source record: 260907

In article 0006F345@anon.penet.fi, an149095@anon.penet.fi () writes:

>I didn't exactly say impossible, in fact I do know how to do it, and what
>equipment it would take. The point is the equipment and dedication to do so,
>is lacking or financially out of reach for for most monitoring fans.
>

I think what "anon" means, is that these things don't transmit asynch ASCII characters that you just run into the serial port of your computer. If you can get the model number of the terminal, you can order a repair manual for it from Motorola. Your small to medium size police departments are probably *not* paying the extra bucks for encryption, so all you need to know is packet format and encoding scheme, which probably include a significant amount of error-correction.

Once you figure out how the data's encoded, you can go one of two ways. The first is to try and decode it using a PC and a synchronous data receiver chip, like a Z80SCC (Z8530). The second way is to go find a used MDT setup and try to configure it to match the system you're trying to monitor. In either case, you are going to have to do a lot of learning about how the (proprietary) protocol between the MDT and the base works. The protocol itself isn't too important, since you're not trying to be part of the network...so all you're interested in is the data packets and the error-correction scheme.

As a first step, tune in to the MDT frequencies and put an oscilloscope on the detector of your receiver. That should give you a look at the raw data stream on the channel. You can figure out the bit rate and try to decode the Manchester (or whatever self-clocking bit coding they use).

Sorry, no pat solutions, I haven't tried it myself, and I really don't think it's a good use of my time and money. But that's how I'd start if I was going to try.

Cheers,
Peter

Peter Simpson, KA1AXY Linux! Peter_Simpson@3mail.3com.com
3Com Corporation The free Unix (508) 836-1719 voice
Northborough, MA 01532 for the 386 (508) 393-6934 fax

2608. Re: Weird Antenna Reception

Newsgroup: rec.radio.scanner
Date: 1995-03-01 13:09:56 UTC
From: smeier@uspto.gov
Message-ID: <3j1rn4$7ec@pioneer.uspto.gov>
Source record: 260901

AdaMatt (adamatt@aol.com) wrote:
: I just built a big recieving antenna for a scanner out of bare stranded
: copper wire. I just fired up my scanner and I had great reception north
: of my location but almost nothing to the south... Any suggestions?
: Thanks!

: ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
: :::::::::AdaMatt@aol.com:::::::::
: ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
I'm certainly no expert in antenna theory, but remember this. Even the
experts don't always understand why antenna fields work the way they do.
Obviously you have a makeshift directional antenna so re-positioning it will
give you reception from other directions.

Good Luck

Stephen Meier

2609. Third time asking - any mods for Pro36??

Newsgroup: rec.radio.scanner
Date: 1995-03-01 15:54:51 UTC
From: todd@banana.dis.fedex.com
Message-ID: <1995Mar1.155451.20587@banana.dis.fedex.com>
Source record: 260852

I have checked around several hamradio sites (incl. oakland)
and they include mods for PRO-34, 35, and 37. Are there any
mods for the Pro 36. If someone has this information, please
post it or send me a copy.

Thanks,

Todd

2610. AR8000 List Query

Newsgroup: rec.radio.scanner
Date: 1995-03-01 16:14:16 UTC
From: RWH@maroon.tc.umn.edu
Message-ID: <RWH.393.03BF578F@maroon.tc.umn.edu>
Source record: 260902

Someone sent me a note from AOL saying that they hadn't recieved a response from their subscription request to the AR8000 mailing list. The list's log shows the messages were recieved and the responses sent with no problem, but when I tried to mail off a reply to the original message the mail bounced with a message that aol.com was an unknown host.

Has anyone from AOL been getting mail from the list? If you have, could you drop me a note at rwh@maroon.tc.umn.edu.

Thanks!

--rick

2611. Help, Unknown freq's.

Newsgroup: rec.radio.scanner
Date: 1995-03-01 16:47:01 UTC
From: amike@maniac.med.miami.edu
Message-ID: <3j28e5$t69@miasun.med.miami.edu>
Source record: 260903

Ok... I got the book but these aren't in there.

10.595
10.140
37.850

I picked up an old crystal scanner with these in it.

Txs,

Mike A.
amike@maniac.med.miami.edu

2612. Re: Pro-34

Newsgroup: rec.radio.scanner
Date: 1995-03-01 17:16:08 UTC
From: mattho@platypus.lbl.gov
Message-ID: <3j2a4o$dv7@overload.lbl.gov>
Source record: 260904

In article <sammy.24.0009BB60@spacecom.com>,
Sammy Al-Rawi <sammy@spacecom.com> wrote:
>I am new at this. A co-worker has a Radio shack Pro-34 scanner, selling it
>for $250.00. Is it worth the price? Does it get all the good Freq's?

For a PRO-34? no, this is not a good price. For a little more, you can get the
PRO-43 which is a newer model with more frequency coverage and in a smaller
package too.

Matt Ho
mhho@lbl.gov

2613. Re: Where to get Uniden Bearcat fixed ??

Newsgroup: rec.radio.scanner
Date: 1995-03-01 17:21:36 UTC
From: robtjsori@aol.com
Message-ID: <3j2af0$c16@newsbf02.news.aol.com>
Source record: 260906

Call Uniden in Indianapolis, they will repair the unit.
But be aware of the arrogance of the Customer Service,
I sent the unit there and it was returned un repaired
but I did pay $15 to send it and $22 to get it back

Next time, a Radio Shack so you can at least drop it off at the
nearest store.......
RJS

2614. Re: Now a no-no to monitor cordless phones

Newsgroup: rec.radio.scanner
Date: 1995-03-01 17:35:50 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <3j2b9m$rvp@mozo.cc.purdue.edu>
Source record: 260909

cleofold@ix.netcom.com (Ace M. Cleofold) writes:

> Does this mean that they're going to demad laws to get rid of *that*
>band on scanners too? And what other frequency bands are going to be
>legislated out of existence in the future?
> IMHO, the ECPA sets a dangerous precedent for denying us access to
>pretty much anything on the whims of people in Washington who claim to
>know better than us what we want...

Congratulations! Now maybe people will start to see the
validity of what I've been hollering about ever since ECPA (IMHO, the
"Electronic Communications Piracy Act") was passed!

In this case, I WILL say *I TOLD YOU SO*. Give them an
inch and they'll take a mile.

Get with your congresscritter and DEMAND that this assault
on the freedom of the spectrum be terminated, and DEMAND that spectrum
users be made responsible for their OWN privacy, and NOT everyone else.

Better yet, if any of y'all out there are member of radio-interest
organizations, it is high time that each group come together with the
others and file a class-action suit declaring that the ECPA is
unconstitutional on some grounds that it denies citizens equal access to
the electromagnetic spectrum, and that it is an unneccessary law.
Section 605 of the Communications Act of 1934 is ALL that was needed,
stating simply that you could *listen* to whatever you wanted, but
could NOT reveal the contents save for public-intended broadcasts,
amateur Radio comms. and those relating to ships and planes in
distress.

Other than to placate the industry geeks who outright LIED about
security and privacy to their customers, this is NO need for any other
law. Period.

Duane
wb9omc

2615. Re: Pro-34

Newsgroup: rec.radio.scanner
Date: 1995-03-01 18:00:59 UTC
From: ddm@onramp.net
Message-ID: <ddm-0103951203130001@hou01.onramp.net>
Source record: 260911

In article <sammy.24.0009BB60@spacecom.com>, sammy@spacecom.com (Sammy Al-Rawi) wrote:

> I am new at this. A co-worker has a Radio shack Pro-34 scanner, selling it
> for $250.00. Is it worth the price? Does it get all the good Freq's?

I have a Pro-34. It has been a reliable scanner and has fairly good frequency coverage; however, I paid less than that when I bought it new in 1989! Granted, it was on sale at the time, but $250 seems pretty steep.

2616. Hamilton-Went. goes trunking!

Newsgroup: rec.radio.scanner
Date: 1995-03-01 18:02:03 UTC
From: jmckay@gold.interlog.com
Message-ID: <3j2cqr$fo5@steel.interlog.com>
Source record: 260913

Hamilton Wentworth region is going to an 800 Mhz trunking system sometime in the next year. Consruction is under way already..this means that the police dept will be leaving the current VHF freqs in the near future...

2617. Re: Future Ontario Freq. WEB page...can you help update?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 18:22:53 UTC
From: Ron Katz <ronkatz@interlog.com>
Message-ID: <3j2e1t$iv8@steel.interlog.com>
Source record: 260801

> Ron:
>
> Check the ODXA BBS for SCANONT, which has a pile of frequencies. The
> Fidonet Scanner echo is also a good place to check.
>
> --
> (Rev.) David Shearman,
> Blackstock, Ontario, Canada
>

Hi David thanks for the reply. I try to stay away from such sources. I like to conferm any new findings and found that most books and list out there are just duplicates of wrong information found in Haruteq (sp) etc.

I think most persons living in any given area most likly have more correct information then old publications. ScanOnt also seems to have MANY errors.

I would rather hear from someone like yourself who could comferm frequencies for regional areas if I cant.

BTW I will shortly repost my list for ontario and have made some additions to include more areas. (just emergency services)

Thanks again...got to go to work and listen to 6 scanners!!!

Ron Katz

2618. Re: PRO-43 UPGRADES??

Newsgroup: rec.radio.scanner
Date: 1995-03-01 19:11:10 UTC
From: jrosariojr@aol.com
Message-ID: <3j2gse$d4v@newsbf02.news.aol.com>
Source record: 260908

That Pro-43 is modifiable to pick up the cell band and 54 mhz to 88 mhz

2619. Cellular FAQ?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 19:21:40 UTC
From: ABEYER@delphi.com
Message-ID: <3j2hg4$pa9@news1.delphi.com>
Source record: 260910
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone know of the location of a FAQ for the cellular phone system. The information I'm looking for are the specifics ie cell size, where to get cell maps etc.

Alan L. Beyer <><
abeyer@delphi.com

Rainbow V 1.12 for Delphi - Test Drive

2620. J.F.K. airport freq.?????

Newsgroup: rec.radio.scanner
Date: 1995-03-01 20:12:44 UTC
From: hacker15@ix.netcom.com
Message-ID: <3j2kfs$i5v@ixnews4.ix.netcom.com>
Source record: 260800

does anyone know any frequencies of J.F.K. airport in new york??

any info would help.
thanx in advance!

e-mail reply please

2621. Re: Comtronix or Optoscan OS456 for my Pro-2006?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 20:29:55 UTC
From: mhardy@brooktree.com
Message-ID: <mhardy-0103951231560001@mhardy12.is.brooktree.com>
Source record: 260915
Cross-posted to: alt.radio.scanner,rec.radio.scanner

vidiot@primus.paranoia.com (vidiot) wrote:

> Okay here's the deal...I'm about to buy one of these two computer boards
> for my Pro-2006. Question is, which is the better board? The Comtronix is
> about a hundred bucks cheaper than OptoElectronics' board. I'm planning
> on interfacing my scanner, with one of the two boards, and a DDI.
> Anyone have experience(s) with either of the two?
>
> Thanks. Email preferred.
>
> vidiot

I have the CE-232 with the 1.3 version of the Software for my pro-2006.
I purchased the Pre assembled version for $240.00.I have had no problems
with the Hardware or software. I have just picked up a Pro-43 and I am
going to get the personality module to program and control the pro-43 as
well. Bill Cheek is a local San Diegan. His BBS is a great source of
FREQ's mods and Tech Support for the CE-232 and scanners in general. He
also writes the World Scanner Report as well as the Scanner Modification
handbooks 1 and 2.

The installation took the better part of two weekends. I took my time and
had no problems following his printed instructions. Lots of pictures and
Diagrams.

Bill Cheek
COMMtronics Engineering
PO Box 262478
San Diego, CA 92196-2478

BBS and Fax
(619) 578-9247 6pm-1am PST
Fidonet Address 1:202/731
RadioNet Address 500:10/12
Genie Address WCHEEKSR.1

He also has an internet address but I dont have that in front of me. He
prefers the BBS for tech support.

The Auto Program File is really easy to use. The APF format is :

Lable ,Channel #, Freq, WFM/NFM/AM,Delay , lockout, Whatever you want the
Lookup to show as the scanner stops on a frq.

I have used some of the scripts supplied with the CE-232 but have not
written any of my own.

You can create a reject file for all of the Birdies in your scanner.
You can change the delay time of the scanner.
You can autolog activity on any of the 10 search banks.
You can automatically lock all zero freqs.
You can automatically lock out any frequancy that has activity to see what channels are left and remove them.
You can have the computer unlock all non zero Locked channels.

The features I like best are the Auto Programming and the Lookup feature. When the scanner stops on a frequency the computer will look in a file you specify for the user of that frequency and display it on the screen. The file format is the same as the APF format above.

3rd party Software is available that will run the scanner as well.

The CE-232 just Extends the Functionality of your Pro-2004,5,6 the Opto shuts off your processor and uses its own for control. When I purchased the CE-232 the Opto was not available. I still think I would purchase the CE-232 If I had to make the choice today. I'm just a satisfied user, I have no ties to Bill or Commtronics.

If you need any more info let me know.

2622. Scanner Guys

Newsgroup: rec.radio.scanner
Date: 1995-03-01 21:11:39 UTC
From: fsw9724@vaxb.isc.rit.edu
Message-ID: <1995Mar1.211139.17551@ultb.isc.rit.edu>
Source record: 260837

Hey, I've read several posts regarding scanner guides, and everyone here seems to LOVE Police Call by Radio Shack....(And their other scanner guide, Beyond Police Call)...

While these guides are good, how can anyone that lives in the Northeast not know of Scanner Master? Published by Richard Barnett, these books are by far the best...Books are available for Massachusetts, NH/Maine NY/Metro New Jersey, Philly..etc...If anyone wants an address for the publisher, let me know and I'll post it or mail it to you. (My Mass guide is in my car right now-but I'll make that effort if need be!!!)

Enjoy..And no, I don't work for the company!

C75

2623. Re: Pro-34

Newsgroup: rec.radio.scanner
Date: 1995-03-01 21:18:14 UTC
From: horak@convex.com
Message-ID: <3j2oam$biu@eugene.convex.com>
Source record: 260916

In <sammy.24.0009BB60@spacecom.com> sammy@spacecom.com (Sammy Al-Rawi) writes:

>I am new at this. A co-worker has a Radio shack Pro-34 scanner, selling it
>for $250.00. Is it worth the price? Does it get all the good Freq's?
^^^^^^^
Whoa, that's a LOT of cash! I'd get complaints for trying to sell my
new pro51 for that much! Offer him $75 for it and don't go over $100
in your haggling. Wow, $250? The guys is obviously a shyster!

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2624. Re: Indoor Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 21:27:10 UTC
From: horak@convex.com
Message-ID: <3j2ore$ca6@eugene.convex.com>
Source record: 260917

In <3j1rbl$7b8@gamma.norand.com> bassettc@norand.com (Chuck Bassett) writes:

>In article <3iuc5d$lsq@ixnews2.ix.netcom.com>, accroya@ix.netcom.com (James
>White) writes:
>|> I live in a "planned community" that doesn't allow antennas on the
>|> houses. I KNOW it's stupid, but they're pretty picky. A non-scanner
>|> friend of mine told me about an antenna called the Eliminator that turns
>|> your house wiring into a giant antenna. Though I have doubts about it,
>|> can someone dissuade me from purchasing this - or tell me about my best
>|> options. Most of my listening is in the 30-50 range and the 450-470 range.

>The Eliminator thing you mentioned works off of your phone lines I believe. It
>plugs in to the phone line, has enough filtering to keep out the actual phone
>signals and tries to pick up RF signals through the lines. Basically a long
>wire antenna. I've never heard of anyone that used one for a scanner before.
>VHF Lo signals are vertically polarized and most of your phone wiring is
>probably going to be running horizontally.

More importantly than polarization is the fact that the house wiring is too
long a wavelength for VHF/UHF frequencies. It may work much better for
shortwave, however. Get a discone for your scanner and put it in the attic!
If you don't have room for a discone with a vertical (for 30-50) then get a
discone without a vertical and put two 4 to 5 foot sections of copper
plumbing tubing over opposite ends of the horizontal disc's radials.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2625. MODS Wanted for BC145xl

Newsgroup: rec.radio.scanner
Date: 1995-03-01 22:08:27 UTC
From: RSC@sruvm.sru.edu
Message-ID: <17354F10CS86.RSC@sruvm.sru.edu>
Source record: 260920

Hi Everybody !

I'm looking for mods to my BC145xl with date of 0KHH and ser# 85079615.

Please post or e-mail responses. THANKS

2626. MODS Wanted for BC560xlt

Newsgroup: rec.radio.scanner
Date: 1995-03-01 22:15:28 UTC
From: RSC@sruvm.sru.edu
Message-ID: <17354F2B0S86.RSC@sruvm.sru.edu>
Source record: 260921

Hi Everybody !

I'm looking for any mods for my BC560xlt with date 0CIC & ser #35000133.

Thanks in advance for your help.

Please post or e-mail responses.

2627. Squelch Tones in FM

Newsgroup: rec.radio.scanner
Date: 1995-03-01 22:24:01 UTC
From: mlfowler@lfs.loral.com
Message-ID: <19950301.172401.524@lfs.loral.com>
Source record: 260808

I've been told that some FM transmitters apply a squelch tone to the modulator when voice input is absent. This, I was told, is done because without the squelch tone, the receiver's output consists of "howling". Is this true? If so, why the howl ; I would think that with no input the transmitted wave would be a pure sinusoid at the carrier frequency and that the FM demodulator would provide a zero signal to the audio. ???? Thanks

Mark Fowler
Loral Federal Systems
Owego, NY

2628. Freqs for UTC Mall, La Jolla, CA

Newsgroup: rec.radio.scanner
Date: 1995-03-01 23:45:48 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <80615@sdcc12.ucsd.edu>
Source record: 260830

Does anyone have the frequencies for the security patrol at
the University Towne Centre (UTC) Mall in La Jolla, California?
I've been searching several places to see if I can find them, and
they don't seem to be listed. Any help is greatly appreciated as I
live across the street from them and would like to know what is
going on sometimes. :)

J.D. Ross
jdross@sdcc13.ucsd.edu

2629. Pro-23 mods ?

Newsgroup: rec.radio.scanner
Date: 1995-03-01 23:48:12 UTC
From: XHCJ28B@prodigy.com
Message-ID: <3j313s$12ju@usenetp1.news.prodigy.com>
Source record: 260825

Is there a way to mod a Pro-23 for more of the 800MHz area. More
importantly, the cell frequencies in that area ?
Does anyone care to send it to me, or tell me where to find it ?

-
MICHAEL
XHCJ28B@prodigy.com

2630. PRO 2021 - the truth please

Newsgroup: rec.radio.scanner
Date: 1995-03-01 23:52:13 UTC
From: dead@netcom.com
Message-ID: <deadD4sCz1.F79@netcom.com>
Source record: 260829

I've had a PRO 2021 since they came out in the mid '80 s. I have also assumed that they were not capable of receiving the 810-960 band.

That was until a few days ago when I saw a mod on an FTP site that mentioned a diode cut and another operation to restore the band.

The mod mentions that clipping diode #44 restores tuning ability. I can confirm that it does. The mod goes on to mention that IC8 must have an additional jumper resistor to activate the RF for that band.

That's where it gets fuzzy. I tried the mods instuctions of "attaching another 10K resistor" from the 810-960 pin of IC8 (#13) to the RF enable of Q10. What's interesting, is that there is already a marking on the PC board for that resistor, including drilled holes!

But the other bands use a 100 ohm (NOT a 10K ohm) resistor to activate RF for their particular band. I haven't tried a 100 ohm yet, but I will as soon as I get a chance.

My point is, this scanner indeed looks like it is (was) capable of receiving 810-960. And I have noticed that some are offered for sale in Ham magazines as "cellular modifiable."

So what's the deal? Any scanner experts out there care to comment?

-John Anderson, N5AZG

--

2631. Pro-51 Codes

Newsgroup: rec.radio.scanner
Date: 1995-03-01 23:53:20 UTC
From: jhaynes@mail.eden.com
Message-ID: <3j31dg$d67@boris.eden.com>
Source record: 260827

Can someone please repost the PRO-51 keycodes. Thanks!

2632. Re: Pro-34

Newsgroup: rec.radio.scanner
Date: 1995-03-02 00:21:54 UTC
From: pzman@nwrain.com
Message-ID: <3j3332$hm9@news0.rain.rg.net>
Source record: 260831

> ddm@onramp.net (Donn Mumma) writes:
> In article <sammy.24.0009BB60@spacecom.com>, sammy@spacecom.com (Sammy
> Al-Rawi) wrote:
>
> > I am new at this. A co-worker has a Radio shack Pro-34 scanner, selling it
> > for $250.00. Is it worth the price? Does it get all the good Freq's?
>
> I have a Pro-34. It has been a reliable scanner and has fairly good
> frequency coverage; however, I paid less than that when I bought it new in
> 1989! Granted, it was on sale at the time, but $250 seems pretty steep.
>
>>>>
> Top price to pay for this unit is about 100 to 150 dollars. It is a great scanner
> minus its poor speaker output in noisy environments. The scanner is modifiable
> to receive full 800 megahertz will send the info if interested. keith pzman@nwrain.com

2633. Regency 45 channel directions

Newsgroup: rec.radio.scanner
Date: 1995-03-02 00:27:46 UTC
From: bush@indy.net
Message-ID: <3j33e2$8qb@indy-backup.indy.net>
Source record: 260833

Hello all! I have a Regency 45 channel scanner, NON 800+MhZ. It is
digital and approaching 10 years old probably. I bought it used. The
thing is, I don't know how to SEARCH for any freqs. When I press SEARCH,
it just cycles in a small portion of the radio spectrum like it is locked
in or something. ANy and all help is appreciated!
Thanks.
Write me at BUSH@Indy.net or here

2634. PRO-62 SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-03-02 00:47:00 UTC
From: allan.logan@atlwin.com
Message-ID: <8A4A4A3.027700696F.uuout@atlwin.com>
Source record: 260851
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Looking for PRO-62 scanner modifications. Cellular or other. Thanks!!
`

2635. Disneyland Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 00:53:01 UTC
From: XCVB98C@prodigy.com
Message-ID: <3j34td$11oe@usenetp1.news.prodigy.com>
Source record: 260835

Anyone know any frequencies for the Disneyland in Californa? Or any other interesting frequencies for that area?

2636. Why is a RS Pro-43 so popular?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 01:08:55 UTC
From: robbino@primenet.com
Message-ID: <robbino.8.005BF3DE@primenet.com>
Source record: 260828

I am interested in buying a scanner. I have watched this newsgroup for some time and notice that a Pro-43 seems to be a very popular scanner.

My local RS store happens to have 1 unit in stock for $249.

Is that a good price? What kind of modifications are possible with this radio? What is a date code and what codes would permit modifications? Can I find the code on the shipping box?

Any information would be greatly appreciated.

Thanks!

robbino@primenet.com

2637. MODS needed

Newsgroup: rec.radio.scanner
Date: 1995-03-02 02:09:10 UTC
From: robbino@primenet.com
Message-ID: <robbino.9.009312DF@primenet.com>
Source record: 260836

Could someone direct me to an ftp site where I can locate scanner modifications. I seem to remember one, but have missplaced it. Oakland sounds familiar, but I cannot rememer more than that.

Please post.

Thanks.

2638. Trade Scanner for SW rig

Newsgroup: rec.radio.scanner
Date: 1995-03-02 02:10:36 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1995Mar1.211036.1@ccsua.ctstateu.edu>
Source record: 260797

Hi
I have a RS Pro-2030 80-channel scanner (incl cell.) for sale or
trade for a Sony SW rig (SW1S, SW7600, or equiv.).
73 de N1QVE
Harry

+=-+
| Harry White \-\-\ |
Preserve Appalachian Wilderness	email:white@sleepy.ctstateu.edu
117 Berlin Avenue	white_hae@csusys.ctstateu.edu
Southington, CT 06489	xkts02f@prodigy.com
RadioFreeNewBritain/WFCS 107.7	Amateur Radio: N1QVE CT: 146.88-
The Best In Underground Dance	n1qve@w1nrg.ct.usa.na
+=-+

2639. IndyCar team frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-02 02:40:17 UTC
From: simonm@mincom.oz.au
Message-ID: <simonm.107.0021CDE7@mincom.oz.au>
Source record: 260806

G'Day,

I'm going to the IndyCar race at Surfers Paradise, Australia in a couple of weeks time and I was wondering if anyone has the frequencies used by the racing teams to communicate with their drivers. If so, could you please post them here, or e-mail them to me. Thanx in advance.

Cheers !

Simon.

Simon A. Milburn, B.Sc, B.Bus.Hons. Analyst/Programmer
| | | | | |
"Halls of justice painted green, money talking." | | | | | |
- ...And Justice For All [Metallica] |M|I|N|C|O|M

-- #include <std/disclaimer.h> // E-mail : simonm@mincom.oz.au --

2640. Re: Hamfest-Monroeville, PA

Newsgroup: rec.radio.scanner
Date: 1995-03-02 03:41:06 UTC
From: k8zgw@hamnet.wariat.org
Message-ID: <D4snKJ.Ezx@hamnet.wariat.org>
Source record: 260818

In article <Pine.LNX.3.91.950301052510.3966B-100000@moose.erie.net>,
Richard Williams <richlw@moose.erie.net> wrote:
>
>
>On 28 Feb 1995, Joe Casato wrote:
>
>> For all interested parties near Monroeville, PA:
>>
>> I recently read in a local paper about a Hamfest at the Monroeville Expo
>> Mart near the Monroeville Mall. Sunday March 26, 8 am to 3 pm. No more
>> details than that were reported. Call the ExpoMart for more details
>> 412-856-1133.
>>
>> 73's
>>
>> no e-mail, please !!
>>
>>
>Let's not forget the Hanfest in Dayton, OH the last weekend in April!
>It's big, REALLY big.
>Dick
>

For those of you that can't wait.....

THE CLEVELAND HAMFEST IS MARCH 5th at Cuyahoga County Fairgrounds
in Berea Ohio.

Thats this Sunday. I know that we will have a good crowd, because
all tables are sold out, and have been for a week, The vendors know
which are the good shows...

73 de Don K8ZGW

--

Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org

Cleveland Hamnet BBS (216) 942-6382

2641. Re: Ham freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-02 03:52:49 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <3j3feh$3mgu@blue.weeg.uiowa.edu>
Source record: 260813

Richard Williams <richlw@moose.erie.net> writes:

>Hi All,
>I am relatively new to all this although I do have scanners in my car and
>at home. Looking at the Pro-62 and was curious as to what ham
>frequencies I might be able to pick up.
>Dick

The most active ham FM freq.s available to scanner users
are 146-148 mhz.

rw

2642. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 04:09:41 UTC
From: GEORGE SEGENREICH <segenreich@delphi.com>
Message-ID: <R+34lal.segenreich@delphi.com>
Source record: 260812

MONITORING 145.35 in Highland Park, IL - launch scheduled in 2 hrs 30 min, but I hear nothing on this frequency - if you know a new retransmission frequency in Chicago area, please E-Mail or Post.

2643. All-band scanner beam?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 05:04:13 UTC
From: ncarrigan@aol.com
Message-ID: <3j3jkd$mat@newsbf02.news.aol.com>
Source record: 260838

Does anyone know right off hand, if there is a scanner beam out there? That essentially has a broadband reception capability, but in a directional form.

Nick

2644. Re: All-band scanner beam?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 05:21:58 UTC
From: jrodrig@ix.netcom.com
Message-ID: <3j3klm$4jt@ixnews2.ix.netcom.com>
Source record: 260839

In <3j3jkd$mat@newsbf02.news.aol.com> ncarrigan@aol.com (NCarrigan) writes:

>
>
>
>
> Does anyone know right off hand, if there is a scanner beam out there?
> That essentially has a broadband reception capability, but in a >directional form.
>
>
> Nick
>

Grove Enterprises has had one for years. Its essentially a TV antenna on it's side. They're in Brasstown, NC. and have an 800 number.

Jorge

2645. Re: ni cad batteries

Newsgroup: rec.radio.scanner
Date: 1995-03-02 05:33:15 UTC
From: cbeatty@galaxy.galstar.com
Message-ID: <3j3lar$71o@mercury.galstar.com>
Source record: 260845

In <3iv21a$b4c@relay.tor.hookup.net>, Dan Bjarnason <dbjarnas@toronto.cbc.ca> writes:
>can anyone please advise re AA ni-cads:
>--does a fully charged ni cad deliver power as long as a
>conventional battery?

No, but a well matched pack (batteries with very similar discharge curves) will provide near constant voltage levels until the pack discharges. Alkalines tend to gradually drop voltage while discharging. A well maintained nicad pack will hold 500 good charges.

>--do the "rapid" re-chargers lower the life expectancy of the batteries?

That depends on the type of rapid charger and nicad battery. Rapid chargers that charge AA's at a constant linear rate of 1 amp or greater (instead of the overnight 300mah) do stress the battery. If charged too much it could get too hot and vent. A good rapid charger charges at 750mah - 1 amp but it interupts the charging cycle every 30 seconds or so with a 5 second 1-5 amp discharge. This process is called 'flexing'. By flex charging a nicad you can rapid charge it with little or no damage. Flex chargers are used extensively in the radio control hobbies, cars especially. Manufactures advertise in those hobby magazines. Good models are made by tekin, novak and victor.
>
>many thanks ...

Craig Beatty.

2646. PRO-51 MODS WANTED!

Newsgroup: rec.radio.scanner
Date: 1995-03-02 05:53:52 UTC
From: eauu678@aldebaran.oac.uci.edu
Message-ID: <3j3mhg$bi1@news.service.uci.edu>
Source record: 260842

If anyone has any Pro-51 MODS.. could they PLEASE e-mail them to me or post them here!? I'd really appreciate it.. thanx'lot!

- Randy Reyes

2647. WTB: AR3000 or AR3000A

Newsgroup: rec.radio.scanner
Date: 1995-03-02 06:09:11 UTC
From: gk954@cleveland.Freenet.Edu
Message-ID: <3j3ne7$ojb@usenet.INS.CWRU.Edu>
Source record: 260843

If anyone has one for sale please let me know.
thanks.

2648. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-02 06:18:24 UTC
From: eauu678@aldebaran.oac.uci.edu
Message-ID: <3j3nvg$c18@news.service.uci.edu>
Source record: 260844

>The test codes still work. But the 7A4's will have on channel 23 888mhz
>programmed in. This you normally can't get on the Pro-51.

I did that test, and on channel 23, I get 888.960 mhz... I've got 12a3 stamped
on the back too, and I can scan through the 800mhz band that's not covered
in the back between 868-896 mhz... what
's up with that?

- Randy Reyes

2649. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-02 06:41:45 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3j3pb9$e3k@mailer.fsu.edu>
Source record: 260846

The Faz (faz@winternet.com) wrote:
: > <SNIP>
: >Wrong! At least on mine!! I have an 11A4 and both keyboard mods work on it
: just
: >fine.. Go Figure?? Now if I could only open up the UHF Military bands I
: would
: >be very happy..
: >
: >Steve
: >
: The test codes still work. But the 7A4's will have on channel 23 888mhz
: programmed in. This you normally can't get on the Pro-51.
: And not only does it need to be 7A4 or earlier but it must not have an
: orange dot on the box. Many RS's have 7A4's but with orange dot's.

For Pro-51's after date-code 8A4 you will get the following test freqs
not within the Pro-51's normal coverage.

Channel 14 -- 66.45 MHz
Channel 15 -- 76.825
Channel 16 -- 87.425

BUT NOT CELLULAR
Channel 23 is now 857.2125 (it used to be 888.96)
You can pick up cellular images in the lower 900 MHz region.

If your Pro-51 will not take the test mode 1. You must do test mode 1
WHILE the display test is running. My scanner (7A4) came in a box with the
orange dot and this mod worked just fine. :)

---------------==
------------========== | naus@cs.fsu.edu
----------=========== James | naus@freenet.fsu.edu
----------=========== |-----------------------------------
----------=========== Naus | Florida State University
------------========== | Tallahassee, Florida USA
---------------==

2650. Re: Need freq !!!

Newsgroup: rec.radio.scanner
Date: 1995-03-02 06:45:55 UTC
From: daf19730@Elroy.UH.EDU
Message-ID: <3j3pj3$mrd@masala.cc.uh.edu>
Source record: 260848

In article <3ivc3q$mje@gazette.bcm.tmc.edu>, skywalker@dino.qci.bioch.bcm.tmc.edu (T Reynolds) writes:
>Does anyone in the Houston area have the tower freq for Ellington Field
>south of Houston ?
>
>Thanks in advance,
>tim
126.050MHz

73 de kb5pgy

2651. AR8000 Cellular image ~1400Mhz

Newsgroup: rec.radio.scanner
Date: 1995-03-02 06:55:03 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.15fi@portal.apana.org.au>
Source record: 260626

Hello People..

Before I type this i have to warn you I am ny no means a `techno-boffin' when it comes to this, but working alongside with another mate we have found that there is (well in Australia anyway) a mirror image of the cellular cell range (870-890Mhz @ 30 KHz) at:

1420.9 - 1440.9 @ 30 KHz (**This is ONLY with the AOR8000 OK!!!!**)
~~~~ ~~~~~~~
This was calculated by working out the internal oscillation of the AOR8000 which showed us that the cellular range needed to have 550.9 MHz ADDED to any of the 870-890 MHz range and you will hear the same thing (with a supposedly reduced signal)..

So something on 870.2400 MHz + 550.9 MHz = 1421.1400 Mhz

You will hear the SAME thing on 870.2400 MHz and 1421.1400 MHz on the AOR8000 (and lucky enough the 2VFO will show you this quite simply)

I only know the basics of this theory and the 4 signals put out from an oscillator and stepping from one stage of a circuit to another, but I know it works here, and i thought you Sepetics Tanks in the USA might like to have this information.

Of course listening to cellular phones is illegal and i do not condone it at all but this is only theoretical information I am passing to you..(and a hell of a lot cheaper/easier then paying some Enterprising person to clone a Euro version for you!) I can try answer questions but my mate Jim knows more about this then me.. :) Have Fun...

Quote: Volume Head is empty!!!

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp
~~~~

2652. Re: AR8000 Cellular image ~1400Mhz

Newsgroup: rec.radio.scanner
Date: 1995-03-02 07:12:34 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.15fo@portal.apana.org.au>
Source record: 260628

On Thu 2-Mar-1995 4:55p, Woody wrote:

W> 1420.9 - 1440.9 @ 30 KHz (**This is ONLY with the AOR8000 OK!!!!**)
W> ~~~~ ~~~~~~~

Sorry Make that an offest of +30Khz (Press SSET when entering the Step) or you will be slightly off the right freqs when you try set a Search Range. The calculations show a single Freq conversion but to cover the range you must be sure to give it a +Offset not just a normal step.

Quote: I still miss my ex-wife, but my aim is getting better.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

2653. Cellular Monitoring

Newsgroup: rec.radio.scanner
Date: 1995-03-02 08:12:44 UTC
From: an171222@anon.penet.fi
Message-ID: <081321Z02031995@anon.penet.fi>
Source record: 260847

When listening in on cellular frequencies what would be the reason that I would only be able to hear one side of the conversation. I tried listening to both the lower 824-849MHz range and the higher 860-894MHz range. When listening to certain calls only one side of the conversation comes in but not all the time. Thanks for any help.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2654. Re: Looking for an alpha-numeric scanner; any help?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 08:43:57 UTC
From: stavros@agora.rdrop.com
Message-ID: <D4t1LB.BsB@agora.rdrop.com>
Source record: 260854

In article <3ivrht$qh2@newsbf02.news.aol.com>,
Jmmorrison <jmmorrison@aol.com> wrote:
>Uniden 8100 (mobile) and Uniden 8500/9000XLT (base/mobile) have
>alphanumeric capabilities. The AR8000 is a handheld with alphanumeric.
>
>I think the 8100 has 100 channels while the 8500/9000 have 500 channels
>but only so many of the 500 can be alpha. The 8500 is being replaced by
>the 9000 due to general poor operating performance.
>

The BC9000XLT allows only half the channels to be label by alpha. (250 of
them).

TTFN

-Steven

2655. SEATTLE FREQUENCIES?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 09:25:38 UTC
From: fritz@ritz.onw.com
Message-ID: <028910VKWQSSHAGAPEWD@ritz.onw.com>
Source record: 260849

IM> I AM LOOKING FOR FREQUENCIES IN THE SEATTLE/PUGET SOUND
IM>AREA. POLICE ,FIRE. EMERGENCY, ECT.. ANY INFO WOULD BE GREATLY APPRECIATED

IM> THANKS

I think I may help !!! what area of Seattle do you live ? I listen
to SPD (south)and als King Co. PD. plus all the great cordless phone
conversations.

I dont have my book right here but try these to get started

460.325
460.375
460.475
460.250
460.125

that should get U going till later.

FriTz at The RiTz

--
-= Online Northwest/RITZ BBS =-
Connecting the Northwest
Seattle, WA 206.248.3020

2656. Re: Disneyland Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 09:37:13 UTC
From: robbiedo@earthlink.net
Message-ID: <robbiedo-0203950137130001@robbiedo.earthlink.net>
Source record: 260853

In article <3j34td$11oe@usenetp1.news.prodigy.com>, XCVB98C@prodigy.com
(Mojo Fox) wrote:

> Anyone know any frequencies for the Disneyland in Californa? Or any
> other interesting frequencies for that area?

At Radio Shack, they have a frequency book for ten dollars called " Beyond
Police Calls." I don't have my scanner with me, but I have all the Disney
frequencies on it (I'm an annual pass holder). I even have the frequency
for the new Indiana Jones Ride.

Robbie Do
>
>
>

2657. Re: Ham freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-02 10:27:25 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.396.0026A9DF@mail.mei.com>
Source record: 260690

In article <3j3feh$3mgu@blue.weeg.uiowa.edu> rawiley@blue.weeg.uiowa.edu (R. Wiley) writes:

>The most active ham FM freq.s available to scanner users
>are 146-148 mhz.

And, within the above range, you'll find the repeater
OUTPUTS between 146.600 and 147.390.

I could post the entire 2-meter and 70cm band plan, but
I'm too lazy to type it all in.

Any one have a handy ASCII file of the amateur band plans
from 6 meters and up??

--
Just a Sticky Wheel on the Grocery Cart of Life
kevin.jessup@mail.mei.com (I prefer encrypted Email)

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

mQBtAy6xQoIAAAEDANWotpS8v8KNdmknrQYlpWfmzIhQrQVQwh2xy5HXL2qr4I76
krv3RTe7ZsjEy22+0dVUxEiOvNx/I1MgLBT0U1/uZ6p+iqLt0Cgx41l8qxP6fLf9
s9KOxDRqARv5zlqGBQAFEbQuS2V2aW4gUGV0cmlvcyBmVzc3VwIDxrZXZpbi5qZXNz
dXBAbWFpbC5tZWkuY29tPg==
=TpFI
-----END PGP PUBLIC KEY BLOCK-----

2658. Avalon AirShow 95 (Australia)

Newsgroup: rec.radio.scanner
Date: 1995-03-02 10:39:58 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.15jc@portal.apana.org.au>
Source record: 260629

Hello People,

Does anyone have ANY Freqs for the Avalon International Airshow 95 at Avalon
in Victoria on the weekend of the 25th???

I would REALLY appreciate any info that people have on this airshow as its the
1st time im going to make the trip there (gotta see the FA18's and so on
again! (and i Luuurrrv the smell of AvGas! :))

The only things that i know so far are:

Avalon Airport:

Nav Aids:

VOR AV 116.1 (*1)
DME AV 108X
ILS IAV 109.5
L RPY 224 (Ripley)
L AV 260 (*1)

*1 FREQ used for ATIS

Air Traffic:

TWR Avalon Tower 120.1 (P) 314.6 (P UHF) 129.3 (S)
ATIS Avalon 260.0 116.1

*1 TWR/CTR activated by NOTAM

MTAF:

120.1 (AH)

UNICOM:

129.3 Callsign "ASTA Flight OPS" - 2200-0630 (2100-0530 Daylight Savings)
Fuel, ACFT parking, General ground requirements

and the usual:

Roulettes:

Primary: 133.9 Secondary: 338.5

Also used:
264.5 268.8 288.6 375.4
325.8 126.2 335.8 257.1

Quote: Even the smallest candle burns brighter in the dark.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

2659. Re: Freqs for UTC Mall, La Jolla, CA

Newsgroup: rec.radio.scanner
Date: 1995-03-02 11:16:20 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-020395061204@132.226.103.40>
Source record: 260855

In article <80615@sdcc12.ucsd.edu>, jdross@sdcc13.ucsd.edu (J.D. Ross)
wrote:
>
>
> Does anyone have the frequencies for the security patrol at
> the University Towne Centre (UTC) Mall in La Jolla, California?
> I've been searching several places to see if I can find them, and
> they don't seem to be listed. Any help is greatly appreciated as I
> live across the street from them and would like to know what is
> going on sometimes. :)
>
> J.D. Ross
> jdross@sdcc13.ucsd.edu

J.D.

You might find the freq. you want in "Beyond Police Call" at Radio Shack.
If not, I would recommend you try one of Bob Parnass's "RadioMaps" for your
area. See his posting on rec.radio.scanner about Finding Frequencies.
I've got 2 of his RadioMaps and they are excellent for locating transmitter
sites and freqs. within your area. Wish I had what you want, because I
also monitor Mall security near my home. Good Luck.

HAppy MOnitoring ....

2660. Re: Cellular Monitoring

Newsgroup: rec.radio.scanner
Date: 1995-03-02 13:02:49 UTC
From: schuster@panix.com
Message-ID: <3j4flp$7i3@panix3.panix.com>
Source record: 260860

In article <081321Z02031995@anon.penet.fi>, <an171222@anon.penet.fi> wrote:
>
>When listening in on cellular frequencies what would be the reason that I
>would only be able to hear one side of the conversation. I tried
>listening to both the lower 824-849MHz range and the higher 860-894MHz
>range. When listening to certain calls only one side of the conversation
>comes in but not all the time. Thanks for any help.

824-849 are mobile frequencies and there will only be one side.

The base frequencies sometimes don't transmit the sidetone (an echo of the
mobile caller's voice) or suppress it so much that you don't hear it.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2661. Re: AR8000 List Query

Newsgroup: rec.radio.scanner
Date: 1995-03-02 13:24:37 UTC
From: vhealey@crl.com
Message-ID: <3j4gg9$80i@nntp.crl.com>
Source record: 260859

I have alot trouble with AOL email also. I almost hate to see a message from AOL in my mailbox because aftrer I type and anser I am never sure that the AOL account will ever get it.

RWH@maroon.tc.umn.edu (Richard Hoffbeck) wrote:
>Someone sent me a note from AOL saying that they hadn't recieved a response
>from their subscription request to the AR8000 mailing list. The list's log
>shows the messages were recieved and the responses sent with no problem, but
>when I tried to mail off a reply to the original message the mail bounced with
>a message that aol.com was an unknown host.
>
>Has anyone from AOL been getting mail from the list? If you have, could you
>drop me a note at rwh@maroon.tc.umn.edu.
>
>Thanks!
>
>--rick
>

2662. Re: PRO 2021 - the truth please

Newsgroup: rec.radio.scanner
Date: 1995-03-02 13:55:01 UTC
From: root@detschel.Berkeley.EDU
Message-ID: <3j4inl$h73@watnews2.watson.ibm.com>
Source record: 260728

I did the mods, and I also noticed the mismatch in resistor values - and put
in the correct one. It don't work; what it seems to do is enable the 450 front
end when 800 is on. Now this may allow you to receive some 800 freqs as
450 harmonics. I tried a bit by manually keying a cellphone; there is
some signal
detected but sesitivity is way down. It may be that you could peak the
front end
and get some more semsitivity out of it.

What's really needed is a front end that receives 800 and a mixer stage
to get it
down to the IF; they may be there but I do not have a schematic to check
it out.
I can;t see why they would have the stuff there but leave it disabled
(although
stranger things have happened).

I thought a neat hack would be to get on of theose external 800
downconverters,
and wire it in to enable it from the band select chip in the 2021.

If you want to discuss this more Email me at detschel@vnet.ibm.com. If
you have
a copy of the schematic I could look at I might be able to figure out more.

Bill Detschel N2IPK IBM Power Parallel Systems Development
detschel@vnet.ibm.com Kingston, NY

2663. What scanner can trac 800 trunked

Newsgroup: rec.radio.scanner
Date: 1995-03-02 13:57:12 UTC
From: robert@eden.com
Message-ID: <3j4iro$s5q@boris.eden.com>
Source record: 260863

Are their any scanners out there that can track 800 Mhz trunked systems?

2664. Need Gunnison, Crested Butte freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-02 13:58:00 UTC
From: robert@eden.com
Message-ID: <3j4it8$s5q@boris.eden.com>
Source record: 260862

Traveling by car through New Mexico to Gunnison Colorado.. Any frequencies?

2665. SW Radio Reviews (LONG - 65K)

Newsgroup: rec.radio.scanner
Date: 1995-03-02 14:56:47 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <3j4mbf$alc@hubcap.clemson.edu>
Source record: 260777
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

---

Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Grundig YB-500 (RDS Only)
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-350
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1

Sony SW-15
Sony SW-55
WATKINS-JOHNSON HF-1000

****

Grundig YB-500 - 1

I was looking at the Grundig Yacht Boy 500 recently because of its having RDS - I suspect that the RDS on the Satellit 700 is similar / identical. It has a diagnostic feature where you key something like 1-2-3-4-5 before switch on. It then will read various details of the RDS - like PI, TA, TP and also the RDS "quality".

But it does not use any of these features. It displays the PS - station name - but I am not sure if it uses the AF automatic retuning of RDS. It display the Travel News flags TA & TP in diagnostic but does not use it at all.

There is a clock on the radio but it is not updated from the RDS CT clock. Its a great pity that a bit more thought had not been put into the design. Incidentally this diagnostic function is present on some car radios, usually needs a series of key presses to get into the mode.

I ended up getting the new Sony RDS radio - its not a SW radio just VHF/MW/LW I was quite disappointed with the design of that also and wrote to Sony in Japan - they confirmed my suspicion that it was designed in Japan where they have no RDS !

It does update its clock from CT though. Also uses the TA/TP flags to allow you to get Travel News from another channel.

They do not have fully automatic returning using AF but you push a button to step through the various Alternative Frequencies.

I was most disappointed by its not fully using EON (Enhanced Other Networks), it has it so that it can retune to another station for Travel News. But I was hoping that I would be able to tune one memory to BBC Radio 2 in a new town and the other 4 memories would be loaded with the local frequencies for Radio 1, 3, 4 etc using EON. But it doesn't.

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but
are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home

(no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year
now and am really pretty happy with it.

Advantages: Size - Measuring approximately
4 3/4 x 2 5/8 x 1, you can take this little
mini anywhere! Even slip it into your shirt
pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m,
25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals,
no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The
SW sensitivity is quite good for my area of the
country, Cleveland, Ohio. The speaker has a nice sound
and improves thru the earphones. FM stereo thru
headphones is great! MW DXing is surprisingly
good! I can grab signals from Boston, Chicago,
New York and Cincinnati much better than on my
Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun
to fiddle with or take for travel when you're in
a pinch. Radio Shack has discontinued this model
so you might be able to find it on sale for around
$50.00. I love the size! Ideal for travel! I'm
beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-350 - 1

I bought this radio when I first started out in shortwave listening because it was the cheapest thing at Radio Shack. I think I paid $60 for, but I'm pretty sure the price has gone down since then.

Nowadays I mostly use it as my travel radio. Sesnitivity is okay for the price, but not too great. When I'm at home (western US) I can pick up the major international broadcasters, but no too much else. On my trips back East, I've found sensitivity picks up some, but it's still only fair.

Performance on the AM and FM bands is average, but longwave seems to be nearly useless. I've never heard any nav beacons on this one, even though there are several near my house.

Radio Shack sells a reel antenna for about $8, and I picked one of these up when I bought my radio. It helps reception a little, but not very much. A much better solution is to wrap a stripped end of a wire around the the whip antenna, and attach the other end to a metal windowframe. I've tried connecting my longwire to it, but that just overloads the receiver (not surprising).

One major problem that I've noted is that the dial markings on some shortwave bands seem to be off by up to 10 kHz. If you know about it, it's not much of a problem to work around, but initially it could be quite confusing.

Overall, this receiver is average for its price. There's no real surprises, either good or bad. If you really want an inexpensive radio, go for this one. Otherwise, I would advise saving your money and going for an inexpensive digital radio.

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a rebate. For the price I think I got a good deal. It has digital tuning and direct input of frequencies which allows tuning to be a pretty simple job and not a time consuming act of patience. It uses two C type batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in the front or side pocket of an average sized backpack. It is just great when you are walking back home from school/work ... it can be easily carried in one hand as you catch up on the news from BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep with music... the FM sound is pretty good in stereo (headphones)... The AM reception is also fairly good but it has a very high tendency to catch those Bible bashing stations...probably a reflection of the region where I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify
this. I bought it on sale from Radio Shack for the
bargain price of $129.95! It regularly retails for
$179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380
is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even
better! I read another review that said reception was lousy....I think
that individual should check his particular receiver as he might have
the rare defective unit. MW reception is also outstanding and with a
Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up
Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the
select-a-tenna! With the S-A-T reception gets an added boost!
(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like
something smaller, like the 606. This size, however is fine. I've
carried hardbound books on jets that are larger. The many features
makes up for it's slightly larger size over a mini. It does not have
SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought
it for the price of $179.95. There are other radios in that price
range that ive ya more bang for the buck. At $130.00, it's a great
deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some
of my experiences. First of all, I would pay the extra to get the

390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells) They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making

this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery. I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be

completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is

activated at the touch of a button radio and shows in the display
as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline.
It disappears after about 5 seconds. As soon as the number of
dots reaches 0, the radio shuts off immediately. I ran a a series of
tests with Radio Shacks Super Alkaline batteries and got the
following results: 3 dots showed for 37 hours, then 2 dots showed
for an additional 11 hours, and finally 1 dot showed for 3.0 hours
for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the
volume control set at 1/2 volume most of the time). At $2.89 (plus
5% for tax) for a package of four AA batteries (the radio takes 3),
that figures out to 4.5 cents/hour which is excellent. This figure differs
greatly from that given in the 1994 Passport (25-30 cents/hour). I have
no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-
scanning, forget it; it will drive you crazy. But at about $140.00 plus
shipping (NYC mail-order) it's an excellent "second" radio to carry
around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I
ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it
exclusively at home, moving it from room to room. It really is
too large for travel

I've found the sensitivity to be tremendous on SW, MW
and FM! Very rarely do I need to attach a clothsline
antenna! It has continuous SW coverage, a great sounding
speaker, BASS and Treble controls, two bandwidths, great
sensitivity, good spurious signal rejection...It has
all the features I wanted in a starter radio! I bought
it about three years ago on sale for $150.00! I still
don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB

or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments. No tuning knob but the slew tuning buttons work just fine. It's about the size of a paperback book and can be taken anywhere reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major broadcasters exceptionally well. Example: the 41 meter band is

covered from 7100 to 7300. So if you want to listen to the BBC on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European signals during the day that I cangrab when I attach a long wire. The 3625 can't tune these freqs. but it can grab 15400 (from africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average selectivity. Covers MW (in 10 kHz steps only), FM (no stereo), and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-in timer/clock (12 hour format only), 5 programmable memory locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers MW, FM (stereo through headphones), and SW in 8 bands (roughly split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and 60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth listing now.

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Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic window for the digital display, which the factory replaced. It is an extremely sensitive receiver. I installed the FM detector board option, which is highly useful for Sub-Carrier detection from FM broadcast receivers in conjuction with the R70's ability to tune below 100khz without a frequency convertor. The so-called PassBand Tuning (PBT), in actuality an asymmetrical bandwidth narrowing control, is very mediocre with the factory 455khz filters. Replacing the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole crystal filter (equivolent to the ICOM FL-44) makes the passband

filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

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Drake SPR-4 - 1

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Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than
the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product
detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's
low-pass audio filter, giving better bass response than normal SSB mode on
the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option
board; both can coexist. Installation is somewhat difficult, as it involves
connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This
installs fairly easily in place of the narrow CW filter. It is very much
better than the stock ICOM 6 kHz bandwidth, which is wide-open until it
hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter.
They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard
synchronous detector for the R71 as well as other receivers. The Kiwa MAP
unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual,
which details mods like enabling the preamp on MW, true pass-band tuning,
sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

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Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to
put it in here.The TS-450S is an amateur transciever that costs little more than
a R-5000,and if you have your ham ticket or are thinking about getting it,may
be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is produce when a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can

swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

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Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive you bonkers if you have good hearing and a speaker that can put out the highs. I have had two of these,the first I traded for a sateite setup,and the one I have now.The newer reciever has mucbetter audio then the first one and lesess hiss too.Ergonomics are very good MUCH,MUCH better than the Drake R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh well,back to the 525,if you are into AM,it's probably not the reciever for you, but in allthe other modes,it is one of the best consumer grade recievers ever made.Performance in all modes is basically excellent except fothe audio pr problem,and stability is rock solid.JRC has only cut a few corners compared to the 515,probably the ultimate in construction for consumer recievers. The case is made of very thin sheet metal and the front panel is plastic.The keys fit loose in the keypad but work ok.The display has four brightness levels and is very easily read from across the room.The S-Meter is "digital" and is a floating vertical bar segment that seems to be yellow on some samples,

and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

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Japan Radio Company NRD-535D - 2

I have been using a NRD-535 for two years and i am very pleased
with it. Although the relative high price makes this a radio
for the serious DXer and maybe not the average Shortwave listener.

The NRD-535 has very good ergonomics. It is very easy to operate
during long listening passes. It has 200 memory channels which comes
in handy for storing interesting frequencies that you want to
check later, or stations that you want to check regulary.

+ side:
On the plus side there is the BWC and the very good sensitivity.
The BWC combined with the PBT makes it possible to make
a station readable that is very close to another station, or
a interfering RTTY transmitter. I find that i mostly uses
the SSB mode and zero tunes the station, and then uses the
BWC and PBT to get the most readable signal. The BWC and
PBT has saved a lot of reports for me. The sensitivity
is excelent. It is among the best in this price class.

- side:
The audio in the built in speaker is mediocre to put it mildly.
A station that you read loud and clear in the earphones can be
inaudible in the built in speaker. The selectivity is not as
good as it could be. The NRD is very sensitive for splatter from
nearby stations, and this can totally drown the station that you
want to listen to. The ECSS option that you can equip your NRD with
is a joke. I have it installed but i NEVER uses it. The only time
you can use the ECSS with any improvement of the signal, is if the
received signal is strong to begin with. Don't waste your money on
the ECSS.

The conclusion is that the NRD-535 is a very good receiver for the
serious DXer but it has some shortcomings. The 535 is much better
than the Icom R-70 that i had before, and i would recommend it to
anyone that asked me. What you might want to do is change the filters
to somewhat sharper filters. That goes for both the 9 MHz and the
455 kHz filters.

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Yaesu FRG-100 - 1

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Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent
portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the
Sony ICF-SW33 and the Sony 7601). This rig is an extremely
sophisticated piece of equipment. I especially like the fact
that you can store up to 125 frequencies on 25 electronic pages
that can be named as you wish (by country). Once programed this
is very convenient. The two filter selections are well chosen
(much better than the stock Sony 2010 filters). My use the radio
to copy WEFAX with excellent results attests to its stability
(and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow
automatic recording with certain tape recorders (Sony and others)
of up to five times and frequencies in a 24 hour period. I use
this feature all of the time. Audio (stereo on FM) qualitity for
a portable is very good; better I believe than the stock 2010
although as with the 2010, it is improved with a set of external
speakers.

Unlike the 2010, the SW55 does not have synchronous detection.
That's too bad because I believe that if it had this feature it
would blow away
tition. As it stands it is an excellent radio. Most
interference can be eliminated with the narrow filter or moving
away from the interference a bit (the radio is tunable in steps
of 0.1 kHz) so the lack of sd is not critical. I really
believe that Sony did not include it because it would have then
had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had
in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE
keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now
that I've said that, you should know that I am new to all of this "DX-ing" (is
that how you say it?). However, I can tell you that it's reception with the
built-in antenna and with the included auxiliary antenna is very good. I found
that the radio comes pre-programmed with a number of stations (BBC, Radio
Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high
quality, delivering plenty of volume and good sound. There are several "tone"
switches (news vs. music setting, etc.) that enhance the reception and its
sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to
other radios since I didn't comparison shop). There are several output jacks
that make it easy to connect to external speakers, tape recorders, headphones,

etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

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Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

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WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position

Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient frequencies, like the propagation beacons on 14100 KHz. There are a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous detection (this is supposed to be sent out as an upgrade chip later), and IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think it will be the last one I will have to buy for quite a while.

Watkins-Johnson HF-1000 Review Part 2

Watkins-Johnson SAM option for HF-1000

Recently I received the firmware for installing Synchronous AM (SAM) detection in my HF-1000 receiver. I was able to install it in about 1/2 hour and it worked great. In testing it I compared it to the

ESKA phase lock AM board installed in my NRD-525. Here are the results
for strong and weak signals:

Parameter ESKA+NRD HF-1000+SAM
--------- -------- -----------
Weak signal lock range +- 20 Hz +-250 Hz
Strong sig lock range +- 40 Hz +-900 Hz

As an on-the-air test I tried to lock onto Radio Pyongyang, 13760 KHz at
1300 UTC. The signal was weak and fading rapidly at 1300 UTC and was being
broadcast on 13760.1 KHz. The HF-1000 was able to lock it immediately even
when set to 13760.000. NRD was not able to lock it at all, even when set to
13760.1. Impressive!

Another modification in the new firmware is a change in the AGC function.
It is now possible to set three decay rates from the front panel for each
AGC setting, Fast, Medium and Slow. In addition it is possible to allow
the manual gain setting to control the AGC threshold while in AGC mode.
This is a great help for the AGC control. I spent many hours trying to
get the AGC decay rates correct on my NRD receiver, and was never happy
with that AGC. This required pulling out the IF board, replacing some of
the SMDs, putting it all back together, and then trying it. Digital AGC
processing on the HF-1000 makes this a snap, taking only a few seconds.

After several months of using this new mode of reception, it is the one
I nearly always use for SWLing and DXing. For weak AM signals it is hard
to beat. If the signal is readable at all, it will be able to lock on it.
By using both sidebands, you end up with a better signal to noise ratio
than with only one sideband. The HF-1000 is even more impressive now
with this addition. The only times that I have had to resort to ECSS on
AM signals is when there is interference on one sideband. Watkins-Johnson
reports that they will have single sideband SAM in the future which will
get around this. There are several other options that they are working on,
one of which is a plug in board for PC processing. I assume this will have
real time spectrum analysis and memory functions built in.

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AR3000 - 1

My general impression, is that this is anyhow a very good apparate. It
offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing,
quite good operating commands, triple conversion, 400 memories; it is
very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected
front-end band filters reduce to some extent unavoidable intermodulation. In
general, this set offers a self contained and very well balanced compromise
of a lot of different demanding features, but will show its best when fully
interfaced.

Its price, here in Italy, has been varying greatly during the years.
Therefore I cannot say how it really competes with the choice of HF
receiver + scanner setup. It is still unclear to me how far is the AR3000
from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going
to list (I would like to hear comments about), but perhaps I'm
just pretending too much from a receiver in which something had
to be traded off between versatility and performance. Please note
that I have a 4 years old AR3000; some defects could have been amelio-
rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack
of a variable Am bandwidth. SWL in crowded bands is too often spoiled by
the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once
sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent
signal lying some -+30 khz apart. I suspect this may be rather a problem
of AGC voltage (see below on squelch), because the feedback signal is
obtained from the previous to the last i.f. stage, which may have a larger
than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional.
On my set almost everything passes for knob positions below .3 and
only >S6 passes when I increase to .5. It may be a problem of adjustment,
but also reflect the inaccurate behaviour of the S-meter, which (I have
no measurements to support) seems not properly logarithmic. I have
the impression that weak signals give a high S readout when close to
stronger ones, because the S-meter averages on a larger bandwidth than
the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity
improves a lot when connected to an external speaker or lineout. No
noise reduction circuitry is present. External audio equalization does
a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different
demodulator (say wide band AM for satellite or TV, stereo FM decoder,
sinchro SB AM decoder). A modify could be to buffer it to a backpanel
jack.

-Intermodulation IS present. I live very close to power MW transmitter,
and in the times they're on the whole band .5 : 2.5 Mhz is unusable,
with crosstalk on every possible combination of transmitter frequencies.
At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even
with a short random wire antenna. However, I don't hear crosstalk due
to FM transmitters, which are also close to my place. The 13 front
end filters seem to do their job, since strong signals don't cause
crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In
the AR3000a it has been replaced with a (I guess optically encoded) smooth
one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod
itself seems quite easy too.

The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories
.
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.

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2666. AR8000 AUDIO SCAN problem?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 15:22:18 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar2.152218.27679@news.csuohio.edu>
Source record: 260864

Fellow AR8000 owners,

I've heard various reports that the AUDIO SCAN/SEARCH on some units
is not working. Is there a way to definitively test this?

I did the following, and suspect that the AUDIO SCAN/SEARCH on my
unit is also not working. I have serial number 011412, and I
saw a rec.radio.scanner posting wondering if units with
serial number below 20000 might have the problem. Anyway,
here is what I did to test it:

Test 1: I have the 40 CB channels in one scan bank. I set
AUDIO to "ON". I go to a CB channel on my CB, and I can
key the mike so that all I get is a dead carrier (I push
it further and the mike kicks in, but luckily I can just push
it part-way and JUST the CB transmitter goes on, but with a
dead carrier, no audio). Well, the AR8000 stops scanning on that
CB channel as it should, but just stays there, and does not continue
(as you would expect with AUDIO ON and a dead carrier).
To be sure, I shut the CB off, and the AR8000 continued
to scan as you would expect (because there is no
more signal). So, I went back and checked the AUDIO SCAN
setting, and sure enough, it is still set to ON (also is
set to ON for AUDIO SEARCH, by the way, so I did not get the two
confused).

Test2: I put together a few unused FM broadcast frequencies
into a bank. And, made sure the AUDIO was ON. I have the Silent
Play gizmo from Radio Shack, it allows you to broadcast
over low-power FM, things like game video audio and so forth.
It comes with a regular FM reciever too, so you can listen
to what's coming from the transmitter. The transmitter
can be tuned between about 88-93Mhz on the FM band. So,
I match the Silent Play transmitter to a frequency I dialed
into one of the AR8000 memories, until it pegged the AR8000
signal strength meter with a full dead carrier (I did this simply
by not plugging anything into the audio input on the
Silent Play transmitter). In any case, I had a full-quieting,
nice clean dead carrier. I put the AR8000 in SCAN mode over
that bank, and sure enough it stopped on the dead FM carrier
from the Silent Play. Well, unfortunately it did NOT move
off the carrier as you would expect with the AUDIO set to ON.
To verify, I did go back and check, and yes, the AUDIO
was still set to ON (in fact, it was on for both SCAN and SEARCH).

Is there a possibility that a real strong signal (like from a
nearby CB or even a little FM transmitter) can cause normal
AUDIO SCAN/SEARCH to be inoperable because the signal is
so strong (even though the carrier has no audio present)?

I suspect that the AUDIO does not work on my unit. I'll
be getting back to the people who sold it to me, since they
said this problem was fixed on my unit (got it in Canada).

Anyone else?

Mike Mayer
mayer@boulder.vni.com

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2667. Re: RS PRO - 43 and RS Quality

Newsgroup: rec.radio.scanner
Date: 1995-03-02 15:24:24 UTC
From: gd@RCINET.res.utc.com
Message-ID: <1995Mar2.152424.1961@cronkite.res.utc.com>
Source record: 260868

In article <D4qoJ8.64r@acsu.buffalo.edu>, creal@cs.buffalo.edu (Richard L. Creal) writes:
>
>After callling every RS in the immediate area, I decided to purchase the last
>PRO-39 available in one store with the proper date code. I had asked several
>RS's to look out for a PRO-43 but to no avail. So somewhat satisfied with the
>39 that I had found, I downloaded the mod files from oak.oakland.edu and
>proceeded to open the scanner up. Sitting at home, I grabbed a beer, the solder
>iron and screwdriver set. I opened the back of the scanner and just as I was
>about to unsolder the antenna connection, RING! I answer the phone. It turns
>out to be a local RS store, whose diligent clerk had found me a 43 date code 3A3!
>
>
Great story! Thanks for the post. Enjoy your new scanner!
I bought an AR8000 with the intention os selling my Pro 43
but I find the 43 hard to part with. I guess my credit card
payments will just have to wait.

2668. Re: Is this list any good?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 15:36:52 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.155.000F9DCE@ccm.hf.intel.com>
Source record: 260775

In article <3j53t8$125@gnd0.rmc.edu> dtiller@rmc.edu (David Tiller) writes:

>: ~~~~~~
>: 220.000-225.000 Amateur 1.25 Meters - Secondary

>This should be:
> 220.000-222.000 Stolen from Amateurs for United Parcel Service

who decided not to use it after lobbying hard to take it away from Amateurs.
So it got assigned to something else that I can't recall.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2669. Re: Need freq !!! (EFD Tower)

Newsgroup: rec.radio.scanner
Date: 1995-03-02 16:05:32 UTC
From: Joe.Weissmann@uc.edu
Message-ID: <1995Mar2.110534.6942@ucbeh>
Source record: 260866

In article <3ivc3q$mje@gazette.bcm.tmc.edu>, skywalker@dino.qci.bioch.bcm.tmc.edu (T Reynolds) says:
>
>Does anyone in the Houston area have the tower freq for Ellington Field
>south of Houston ?
>
>Thanks in advance,
>tim

Tower: 126.05 253.5
Atis: 109.4
Ground: 121.6
Hou App: 134.45
Unicom: 122.95

2670. Nassau County NY Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-02 16:12:08 UTC
From: eoc313577@aol.com
Message-ID: <3j4qoo$r56@newsbf02.news.aol.com>
Source record: 260867

help I've lost NCPD Ch4 1,7 Pct. A Police Officer said their on Ch2 But that is all data if anyone can help E-Mail me at eoc313577@aol.com Thank you.

2671. Re: Need freq !!! (EFD Tower)

Newsgroup: rec.radio.scanner
Date: 1995-03-02 16:30:12 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3j4rqk$4ar@gazette.bcm.tmc.edu>
Source record: 260869

In article <1995Mar2.110534.6942@ucbeh>, Joe.Weissmann@uc.edu (Joe Weissmann) writes:
|> In article <3ivc3q$mje@gazette.bcm.tmc.edu>, skywalker@dino.qci.bioch.bcm.tmc.edu (T Reynolds) says:
|> >
|> >Does anyone in the Houston area have the tower freq for Ellington Field
|> >south of Houston ?
|> >
|> >Thanks in advance,
|> >tim
|>
|> Tower: 126.05 253.5
|> Atis: 109.4
|> Ground: 121.6
|> Hou App: 134.45
|> Unicom: 122.95

Wow ! well that worked so well I'll try one more shot.

I have Police Call (1995) and it has the Freq's for Webster PD, the problem is after listening to the stations, there is no way it's Webster I hear disp. calling units to street names in downtown Houston. My guess is thats it's the Harris County Sheriffs Dept. who does cover Webster.

I found the VFD and Southeast (Webster) EMS but absolutely no luck with Webster PD.

Anyone ????

thanks again....
Scan ON !!!
tim

2672. Re: Cellular phone channels and frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-02 17:38:18 UTC
From: horak@convex.com
Message-ID: <3j4vqa$o6u@eugene.convex.com>
Source record: 260820

In <3io9uv$82i@usenetp1.news.prodigy.com> XHCJ28B@prodigy.com (Michael Rothermel) writes:

>Would anyone out there care to explain to me how cellular phones work ?

Full duplex. Handheld unit 45 MHz below the base frequency. Handhelds
are anywhere from milliwatts to 3 watts, controlled by the base.

>How far is the range of a cell, and how many channels are there in each one?
>Would one phone be pre-disposed to use certian channels, or is it random.

Depends. Functional range is about 1-5 miles on average.

>Are certian channels inheritly stronger within one area of a cell

Not really but certain cells are "stronger" than other ones.

>Is it possible for one phone to be on two channels at once, or just when
>it switches cells ?

Only one channel at once. If you mean two *cells* at once, you might try
using your cell phone in an airplane and see what happens! :-) :-) :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2673. Re: Cell plan w/extended frequiencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 17:53:26 UTC
From: horak@convex.com
Message-ID: <3j50mm$p36@eugene.convex.com>
Source record: 260784

In <brett_miller.154.0008F87B@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>Does anyone know where to find a breakdown of cellular
>frequencies by cell, using the 21 cell plan, which includes
>the extended cellular frequencies? I have several charts
>that show frequencies by cell, but none of them include
>frequencies above 890. I know what the frequency range is
>but I need to know which frequencies are assigned to each
>cell.

I don't have the info with me but basically, 869-870 is non wireline.
890-891.5 is non wireline. 891.5-894 is wireline.

I didn't have the data for the cell you listed but I do have data for this cell, since it is the local cell site near me :-) You'll notice that it is still the 630 KHz spacing. By the way, the control channels aren't always the same here in my area. In other words, Channel 1 for cell #18 *may* not be 880.530. In this case it is 880.050. Hope this helps.......

Cell # 18

Channel 1 (351) Tx 880.530 Rx 835.530
Channel 2 (372) Tx 881.160 Rx 836.160
Channel 3 (393) Tx 881.790 Rx 836.790
Channel 4 (414) Tx 882.420 Rx 837.420
Channel 5 (435) Tx 883.050 Rx 838.050
Channel 6 (456) Tx 883.680 Rx 838.680
Channel 7 (477) Tx 884.310 Rx 839.310
Channel 8 (498) Tx 884.940 Rx 839.940
Channel 9 (519) Tx 885.570 Rx 840.570
Channel 10 (540) Tx 886.200 Rx 841.200
Channel 11 (561) Tx 886.830 Rx 841.830
Channel 12 (582) Tx 887.460 Rx 842.460
Channel 13 (603) Tx 888.090 Rx 843.090
Channel 14 (624) Tx 888.720 Rx 843.720
Channel 15 (645) Tx 889.350 Rx 844.350
Channel 16 (666) Tx 889.980 Rx 844.980
CHANNEL 17 Tx 891.870 Rx 846.870
CHANNEL 18 Tx 892.500 Rx 847.500
CHANNEL 19 Tx 893.130 Rx 848.130
CHANNEL 20 Tx 893.760 Rx 848.760

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2674. Re: IndyCar team frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-02 18:01:51 UTC
From: horak@convex.com
Message-ID: <3j516f$pje@eugene.convex.com>
Source record: 260786

In <simonm.107.0021CDE7@mincom.oz.au> simonm@mincom.oz.au (Simon A. Milburn) writes:

>G'Day,

>I'm going to the IndyCar race at Surfers Paradise, Australia in a couple
>of weeks time and I was wondering if anyone has the frequencies used by
>the racing teams to communicate with their drivers. If so, could you
>please post them here, or e-mail them to me. Thanx in advance.

Hope this helps...........

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

From alt.radio.scanner Tue May 12 12:17:48 1992
Newsgroups: alt.radio.scanner
Path: convex!uunet!epicb!usenet
From: David Spoelstra <davids@truevision.com>
Subject: Here are Indy 500 Frequencies
Message-ID: <1992May12.150901.23119@truevision.com>
Sender: usenet@truevision.com (News Posting Account)
Nntp-Posting-Host: 192.9.200.192
Organization: Truevision Inc., Indianapolis, IN
X-Useragent: Nuntius v1.1a2
Distribution: USA
Date: Tue, 12 May 1992 15:09:01 GMT
Lines: 43

1992 Indy 500 Frequency List by David Spoelstra 5/11/92

Car Driver Frequency 2nd Frequency

1 Michael Andretti 468.225
2 Mario Andretti 462.650
3 Al Unser, Jr. 461.512
4 Rick Mears 852.187
5 Emerson Fittipaldi 856.787
6 Arie Luyendyk 464.037
7 Paul Tracy 856.912
8 John Andretti 468.187
10 Scott Pruett 461.012 466.012
11 ??? 853.487 464.912
12 Bobby Rahal 467.937
14 A.J. Foyt, Jr. 457.537
18 Danny Sullivan 461.862
21 Buddy Lazier 465.662
23 Scott Brayton 466.187

26 Jim Crawford 464.237
31 Ted Prappas 466.337
34 Jeff Wood 468.987
38 John Andretti 468.187
50 Jovy Marcelo 460.587
90 Lyn St. James 461.437
93 John Paul, Jr. 462.450

USAC Control 463.212
USAC 935.137
USAC 464.550
USAC Safety 466.687
USAC 464.750
Pace Car 812.700

Unrecognized Drivers:
466.312
467.725
466.337
469.887
465.737

If you have additions, please E-Mail them to: davids@truevision.com

From alt.radio.scanner Tue May 19 09:31:00 1992
Xref: convex rec.autos.sport:17133 rec.radio.shortwave:16048 alt.radio.scanner:819
Path: convex!constellation!apple!bionet!ames!tulane!darwin.sura.net!mips!zaphod.mps.ohio-s
tate.edu!ub!dsinc!bagate!cbmvax!rehab1!rehab2!dans
From: dans@rehab2.UUCP (Dan Schein)
Newsgroups: rec.autos.sport,rec.radio.shortwave,alt.radio.scanner
Subject: INDY 500 Freqs
Message-ID: <544@rehab2.UUCP>
Date: 18 May 92 02:39:18 GMT
Reply-To: dans@rehab2.UUCP (Dan Schein)
Followup-To: rec.autos.sport
Distribution: usa
Organization: Reading Rehab Hospital, Reading PA
Lines: 46

Copied these from anothers network ;-)

.....

Confirmed Frequencies from the Indy 500 Time Trials, May 9-10, 1992:

Car Driver Frequency

1 Michael Andretti 468.2250
2 Mario Andretti 462.6500
4 Rick Mears 852.1875
5 Fittipaldi 856.7875
7 Paul Tracy 856.9125
9 Eddie Cheever 464.0375

10 Scott Pruett 461.0125
12 Bobby Rahal 467.9375
22 Scott Brayton 466.0125

USAC Officials 935.1375
USAC Safety 463.2125
USAC Pace Car 935.1375

ABC Audio (Announcers) 450.1620
ABC Audio (Ann. & Direct.) 450.4500
ABC Audio (Ann. & Direct.) 450.7250
ABC Audio (Announcers) 450.9250

ESPN 450.5375

Local TV News (WISH-TV) 450.4120
Local TV News (WRTV-TV) 450.2500

This is complements of the Ohio Scanner Club

--
Reading Rehabilitation Hospital Network Adminstration,
Dan Schein - Information Systems __|__ Programming, Parenting,
RD 1 Box 250 ______(*)______ Rappelling, and soon...
Reading, PA 19607 o/ \o Sky Diving!

dans@rehab2.UUCP -or- ....{uunet,rutgers}!cbmvax!rehab1!rehab2!dans

From alt.radio.scanner Mon May 10 14:48:57 1993
From: jherndo@eis.calstate.edu (John Herndon)
Date: Mon, 10 May 1993 05:47:39 GMT
Newsgroups: alt.radio.scanner
Subject: Re: Indy car Frequencys

SCANNING CAR RACES

Going to the track soon? Take along your scanner and hear exactly what is
going on. Listen to pit crews, drivers, news media, ambulances etc.

Source: Popular Communications
Monitoring Times
Reoring Times
Reprinted by: John Johnson KWV8BP

Business radio service frequencies are in heavy use, with some crews using
multi channel radios. It might be a good idea to see what the search/scan
feature of your unit will produce for you if you let it sift through the
following bands:

151.625 to 151.955 462.550 to 462.9125
154.515 to 154.600 463.200 to 464.9875
457.5125 to 457.6125 465.6625 to 467.1875
460.6625 to 460.6875 467.550 to 467.9125

460.9125 to 462.1875 468.200 to 469.9875

Also make sure to check these frequencies:

30.84 457.60
33.14 464.50
33.40 464.55
35.02 467.75
35.04 467.775
42.98 467.80
151.625 467.825
154.57 467.85
154.60 467.875
457.55 467.90
457.575 467.925

Frequency List 460-1300 Mhz.

460.9875 USA IB CART Derek Daly (2)
461.0875 USA IB CART USAC
461.3125 USA IB ESPN (CAMERAS)
462.1375 USA Bobby Rahal
463.1875 USA A.J. Foyt (4)
463.5500 USA A.J. Foyt (3)
464.5000 USA CART 4
464.5500 USA CART 3
464.6250 USA CART 1
464.7500 USA CART 2
466.6875 USA USAC Safety
467.7250 USA Scott Brayton (2)
467.7250 USA Tero Palmroti (1)
467.7500 USA Scott Pruett (1)
467.8125 USA Al Unser Jr (2)
468.1875 USA A. J. Foyt (2)
468.3625 USA Mario Andretti (1)
468.5125 USA Mike Andretti (1)
468.6625 USA Raul Boesel (2)
469.8250 USA Al Unser Sr (1)
469.9625 USA Al Unser Jr (2)
471.4125 USA Tom Sneva (1)
471.4125 USA John Andretti (1)
471.9500 USA ESPN
472.1375 USA Kevin Cogan (1)
472.7875 USA G. Johncock (1)
493.4750 USA ABC TV Audio
493.6750 USA ABC TV Audio
498.5500 USA Indy Radio
821.7000 USA USAC Control
853.4875 USA A. Luyendyk (2)
853.5000 USA A. Luyendyk (1)
853.5125 USA Teo Fabi (2)

853.5250 USA Teo Fabi (1)
856.7875 USA Rick Mears (2)
856.8000 USA Rick Mears (1)
856.9125 USA Danny Sullivan (2)
856.9250 USA Danny Sullivan (1)
857.8375 USA R. Boesel (2)
857.8500 USA R. Boesel (1)
935.1375 USA CART USAC Indy
935.1500 USA CART USAC Indy
935.9750 USA CART USAC Indy

1991 Indy 500 Frequency List by David Spoelstra 5/8/91

Car Driver Freq.

1 Arie Luyendyk 859.425
2 Al Unser Jr. 457.812
3 Rick Mears 852.187
4 John Andretti 465.737
5 Emerson Fittipaldi 856.912
6 Mario Andretti 462.650
7 Hiro Matsushita 465.912
8 Eddie Cheever 462.262
9 Kevin Cogan
10 Michael Andretti 461.700
11 Pancho Carter 466.587
12 Mark Dismore
14 AJ Foyt 936.662
15 Scott Goodyear 857.837
16 Tony Bettenhausen 464.525
17 Willy T Ribbs 462.212
18 Bobby Rahal 460.712
19 Scott Pruett
20 Danny Sullivan 466.312
21 Geoff Brabham 461.012
22 Scott Brayton 465.012
23 Tero Palmroth 462.725
25 Phil Krueger
26 Jim Crawford 467.762
31 Ted Prappas
37 Guido Dacco 464.062
39 Randy Lewis 460.687
48 Bernard Jourdain
50 Mike Groff 464.062
51 Gary Bettenhausen
66 Dominic Dobson
71 Buddy Lazier
77 Salt Walther
86 Jeff Andretti 466.687
91 Stan Fox
93 John Paul Jr

97 Dean Hall 471.812

Unrecognized Drivers: 465.325 466.012

USAC 1 Primary Freq 935.137
USAC 2 Secondary Freq 935.150
USAC 3 Secondary Freq 936.637
USAC Safety 466.687
USAC Safety 461.587
USAC Safety 461.687
USAC Safety 464.637
Indy Radio 498.550
Infield Hospital 155.265
IMS 151.685
IMS 151.775
Pace Car 452.575
Horton Emergency Center 464.887

From rec.radio.scanner Wed May 11 10:03:00 1994
From: boothc@kenyon.edu
Date: 10 May 94 22:09:45 -0500
Newsgroups: rec.radio.scanner
Subject: Re: Racing Freqs (was: Indy 500 freqs)

>
> 450.2125 Unknown
> * 450.2500 WRTV Channel 6 ABC
> * 450.2875 WIBC Radio 1070 AM
> * 450.3375 WIBC radio 1070 AM
> * 450.3875 WXIN channel 59
> * 450.4125 WTHR Channel 13 NBC
> 450.4875 unknown
> 450.5625 Unknown
> * 450.5875 WISH Channel 8 CBS
> * 450.6125 WFBQ Q-95 94.7 FM
> * 450.6500 WFMS Radio 95.5 FM
> * 450.7000 WIBC Radio 1070 AM
> 450.7500
> 450.8000 WRZX 103.3 FM radio
> 450.8875 Unknown ??
> 450.9000 Unknown
> * 455.2875 WIBC Radio 1070 AM
> 455.5625 unknown (TV?)
> * 455.6500 WFMS radio 95.5 FM
>
> | Scott Richardson |
> | scott@redstorm.nawc-ad-indy.navy.mil |
> | 72237.2420@compuserve.com |

Scott et al.,

I dug these up from my files. I'm sure they're way outdated, but some of
the network and official freqs might not be. This is Racing stuff I have.
I don't know if NASCAR is Indy etc. (actually know that I think about it
Nat. Assoc. Stock CAr Racing(?) doesn't sound like the funny cars at Indy ;) but
any way....I'm sure someone can use them. I found the AVS stuff interesting
and it's probably useful to all if it isn't dated. Anyway......
If you get any *real* answers, please post them.

Carter

PS---I have no idea who the original posters/writers......

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460.9125 to 462.1875 468.200 to 469.9875

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33.14 464.50
33.40 464.55
35.02 467.75
35.04 467.775
42.98 467.80
151.625 467.825
154.57 467.85
154.60 467.875
457.55 467.90
457.575 467.925

Sanctioning organizations, such as NASCAR, USAC, CART, SCCA, etc. also have
there own frequencies for on sight communications, check these following
freqs.

464.500 All Pro Racing Association 464.500 SCCA Glen Region
151.625 American Motor Sports Ass. 151.625 SCCA Houston Region

469.500 American Speed Association 151.625 SCCA Land-O-Lakes Reg
154.570 Auto Race Promotions 151.625 SCCA Missouri Region
464.625 Championship Auto Racing 151.625 SCCA North Carolina
Reg
Teams F-1 151.625 SCCA Northeastern Reg
464.750 Championship Auto Racing 151.625 SCCA Northwest Region
Teams F-2 154.570 SCCA Northwest Region
464.550 Championship Auto Racing 154.600 SCCA Northwest Region
Teams F-3 462.725 SCCA Oregon Region
464.500 Championship Auto Racing 151.625 SCCA Pennsylvania Reg
Teams F-4 151.625 SCCA San Francisco Reg
154.570 International Motor Sports 151.625 SCCA South Carolina
Reg Association
151.625 SCCA Southwest
464.500 National Association of Louisiana Region
Stock Car Auto Racing 151.625 SCCA Texas Region
(NASCAR) F1 151.625 SCCA Washington state
464.550 NASCAR Used for scoring Region
464.775 NASCAR F2
464.900 NASCAR F3
467.025 NASCAR F6
469.500 NASCAR F4
151.625 National Hot Rod Assoc. 154.570 SCCA Washington state
154.570 National Hot Rod Assoc. 154.600 SCCA Washington state
154.600 National Hot Rod Assoc. 154.570 SCCA WVA Region
151.625 National Off-Road Vehicle 154.600 SCCA WVA Region
Association 151.955 Sports Car Racing Ass
151.925 National Off-Road Vehicle 463.925 Sports Car Racing Ass
Association 151.625 United Racing Club
Inc.
151.625 North American Car Club 151.655 United States Auto
Club
151.625 Professional Auto Racing 151.745 United States Auto
Club
Teams Inc.
151.625 Race Communications Assoc. 461.3125 ESPN (Cameras)
151.625 SCCA Alamo Region 152.960 ESPN (Car Mike)
151.625 SCCA Arkansas Region 466.650 ESPN (Satellite Feed)
151.625 SCCA Central Carolina Reg. 454.000 MRN Motor Racing Net.
151.625 SCCA Chicago Region
464.500 SCCA Corning (NY) Region
151.625 SCCA Dallas Region

Here is a list of frequencies believed to be in use by various NASCAR drivers

1 Brett Bodine 463.775 Bull's Chevrolet
3 Dale Earnhardt 469.015 Wrangler/Chevrolet
4 Rick Wilson 463.450 Kodak/Oldsmobile
5 Geoff Bodine 851.500 Levi/Chevrolet
854.500
6 Mark Martin 468.5625 alternates 463.925, 463.400

7 Alan Kulwicki 461.150 Zerex/Ford
8 Bobby Hillin 856.800 Miller/Buick
9 Bill Elliott 853.500 Coors/Ford
10 Ken Bouchard 468.5125
11 Terry Labonte 855.575 Budweiser/Chevrolet
855.525
12 Mike Alexander 451.900 alternates 464.3125, 469.3125
14 A.J. Foyt 456.9125 alternates 468.1875, 463.550,
463.1975
15 Ricky Rudd 464.300 Motorcraft/Ford
16 Larry Pearson 452.600 alternate 463.775
17 Darrell Waltrip 856.500 Tide/Chevrolet
21 Kyle Petty 463.4625 Citgo/Ford
463.4875
23 Eddie Bierschwale 462.675
25 Ken Schrader 856.925 alternate 851.575
25 Tim Richmond 851.575 Folgers/Chevrolet
26 Ricky Rudd 468.4875
26 Morgan Shepherd 468.4875 Quaker State/Buick
27 Rusty Wallace 463.900 Kodiak/Pontiac
28 Davey Allison 457.600 Havoline/Ford
463.700
29 Cale Yarborough 464.600 Hardee's/Oldsmobile
466.770
30 Mike Waltrip 466.300 alternate 461.300
31 Joe Ruttman 468.9375
33 Harry Grant 461.687 Skoal/Chevrolet
461.975
35 Benny Parsons 856.925 Folgers/Chevrolet
41 Joe Booher 469.975
43 Richard Petty 464.800 STP/Pontiac
44 Sterling Marlin 461.875 Piedmont/Oldsmobile
47 Morgan Sheppard 466.200
50 Greg Sacks 834.075 Valvoline/Pontiac
52 Jimmy Means 467.925 alternate 469.925, 464.400, 464.925
55 Phil Parsons 464.450 Skoal/Oldsmobile
466.476
67 Buddy Arrington 464.075 alternate 469.075
68 Derrike Cope 464.025
71 Dave Marcis 467.825 Lifebuoy/Chevrolet
75 Neil Bonnett 468.975 Valvoline/Pontiac
463.975
77 Ken Ragan 461.825 alternate 469.225
80 Jimmy Horton 463.4375
83 Lake Speed 859.825 alternate 463.775, 468.775
88 Buddy Baker 466.700 Crisco/Oldsmobile
90 Ken Schrader 467.162 Red Baron/Ford
90 Benny Parsons 467.162
92 David Sosobee 464.5625
98 Brad Nofsinger 461.525 alternate 461.450

This file was brought to you by John Johnson KWV8BP of the Hotline BBS,
give us a call, we have an entire section dedicated to Scanner & Radio
related topics..
The Hotline BBS 304-736-9169 or 304-743-7909

Misc Freqs
AVS RACING

Aerial Video Services, out of Burbank, California, is
major supplier of the in-car cameras, wireless cameras
and communications links for the television coverage of
auto racing and other sporting events. During a recent
racing series at the Texas World Speedway, AVS provided
the microwave and communications equipment for the Prime
Network television coverage of the races. I had a chance
to work with the AVS crew, and check out their radios.
If you get to attend a sporting event where wireless
cameras or mics are in use, you might check out some of
these frequencies.

Let me explain a little about the equipment they are
using, and what you might hear. Any time there is a
wireless camera in use, they will be sending the
pictures from the roving camera location to the TV
remote truck on a microwave link. They may use the
2 to 2.5 gHz or 7 gHz microwave bands. In addition to
pictures from the camera, there has to be voice
communications to the cameraman, and sound from the
announcer's microphone, who may appear on camera, and a
cue channel to the announcer, so he knows when he is on
the air. The communications from the TV director to the
cameraman are usually referred to as the "PL". This
stands for "party line", and is a two-way communications
link with the director and the camera operator. It is
usually set up as a low-power repeater, so you will
always hear the directors calls, and the camera
operators replies. The cue channel to the announcers is
called the "IFB", which stands for "interrupted feed-
back". This is usually the audio from the program that
is being produced, along with the director or producer
interrupting the program feed, in order to give cues to
the announcers. This transmitter will be on as long as
the TV production truck is operating.

AVS uses mostly I-COM programmable radios. Here are
frequencies that are programed into the units...

Channel Frequency
1 457.525 - This ch.used for IFB 10/18,19
2 457.550
3 457.575
4 457.600

5 467.750
6 467.775
7 467.800
8 467.825 - Car camera control data
9 467.850
10 467.875
11 467.900
12 467.925 - AVS tech communications
13 467.7375
14 467.7625
15 467.7875
16 467.8125

They also have radios programed in the 450 - 455 mHz Broadcast Remote Pick-up bands. At the racing I attended they used 455.350 as the P.L. communications to the pit camera. 450.350 was the input frequency to the repeater. Why they used the frequencies "backwards" from what the normal repeater frequency scheme would be isn't known. The car camera control data uses a 10-watt base station that transmits control tones to the cameras in the cars. You will hear a continuous carrier with DTMF (Touch-Tone) audio tones as the commands are sent. The microwaved pictures and sound from the in-car cameras are beamed up to a helicopter that has a microwave receiver on board, and then re-transmitted back down to the TV production truck on another microwave frequency. The TV truck used 123.050 to talk with the helicopter.

The wireless mics that the roving announcers may use are Sony UHF mics in the 950 mHz band. Here is the channel allocations for the USA.

Channel Frequency
11 947.250
12 948.250
13 950.250
14 951.750
15 949.000
21 947.750
22 949.750
23 950.750
24 951.250
25 948.500
31 949.250
32 948.750
33 950.000
34 951.500

Also, for you race fans who may end up at some SCCA racing events, here are some assorted track frequencies

in use at the Texas World Speedway, in College Station,
Texas.
151.625 - SCCA Race Control Primary
151.685 - SCCA Secondary
151.715 - SCCA
464.500 - Texas World Speedway
464.550 - Texas World Speedway

Other events could use same freqs for wireless cameras.

More Auto Racing Freqs

Victor,

Here are two list of NASCAR frequencies. I take credit for
neither. The name of the author of the first listing is unknown to
me. Robert Ford posted the second listing a while ago here on
USENET.

Regards,

Kevin

NASCAR frequencies 1992/1993 season listing

1 * Rick Mast 461.1625 463.8875 469.4500 464.4500
2 * Rusty Wallace 461.5870
3 * Dale Earnhardt 469.0125 464.0125
4 * Ernie Irvan 464.3000 469.3000 854.7620 856.4370
856.3620 856.1875
5 * Ricky Rudd 857.4870 851.4875 851.5000
6 * Mark Martin 460.9500 468.5625 463.4000 463.9250
7 Alan Kulwicki 461.1500 466.1500
8 * Dick Trickle 935.6500 468.9750
9 * Chad Little 853.4875 853.5000 468.9620 465.1500
10 Derrike Cope 468.5125 464.0250 851.0375
11 * Bill Elliott 855.5125 855.5625 (scram)
12 Hut Stricklin 467.5750 467.7250
15 Geoff Bodine 457.5250
16 * Wally Dallenbach 468.4500
17 Darrell Waltrip 469.3120 468.7620 467.8750 469.1250
18 * Dale Jarrett 466.0125
21 Morgan Shepherd 855.2875 855.0375 856.7375 854.7875
22 * Sterling Marlin 855.5625 857.8375 466.7000 461.8750
25 * Ken Schrader 851.5625 856.9125 856.9250 851.5750
26 * Brett Bodine 460.5875 468.4875
28 * Davey Allison 461.3125 457.6000
30 Michael Waltrip 853.0125 855.3125 853.8875 466.3000
461.3000
33 Harry Gant 463.3125 468.7750
41 Dave Marcus 462.5500 461.2250 461.2125

42 Kyle Petty 852.0375 853.0125 851.9125 857.3125
43 Richard Petty 865.6625 865.6375 865.6125 865.7125
852.0875
52 * Jimmy Means 467.9250 469.9250 464.4000 464.9250
55 * Ted Musgrave 465.6875 468.3500 466.4250 463.2250
66 Jimmy Hensley 464.6000 469.6000
68 * Bobby Hamilton 467.0000 464.0250
71 * Jim Sauter 467.5625
94 * Terry Labonte 857.8375 857.8500

The #11 was scrambled and sounded like simple speech inversion.

NASCAR CH 1 - 464.500 CH 7 - 467.800
CH 2 - 464.775 CH 8 - 467.025
CH 3 - 464.900 CH 9 - 468.325 * NASCAR normally uses 3 of
CH 4 - 469.500 CH10 - 469.075 the first 5 channels in the
CH 5 - 462.025 CH11 - 466.937 left column during the race.
CH 6 - 463.850 CH12 - 468.475

SCORING - 468.825

MRN 454.000 450.800 * The first channel is used
450.850 464.800 for a satellite feed.

TNN 450.1625
450.2875
450.5375

ESPN 450.250 471.950
450.350 462.575
462.550 462.625
464.500 467.325
467.250 152.960
466.650 151.775
461.3125 450.450
450.050 492.887
462.650

Winston Cup Scene 468.650 465.9625

Inside Winston Cup 463.2625

Note: If whoever is covering the race is not on the above frequencies,
try using the search function on your scanner between 450.00 and 470.00
at air time.

Frequencies in the 450-470 MHz range are usually paired in the
following way:

o channels between 450-455 MHz are paired with channels 5 MHz
higher (455-460 MHz).

o channels between 460-465 MHz are paired with channels 5 MHz
higher (465-470 MHz).

To save on space, only one half of the frequency pair is listed.
So, if a station is listed on 461.300 MHz, try listening on
466.300 MHz also.

The following is a copy of a frequency list sold at the NASCAR race
this past week in New Hamshire (I think that is where it was; my sister
and brother-in-law attended and borrowed my scanner.)

I have no idea of the validity of the list for the race since I wasn't there
and suspect most of the frequencies will change by the next race. But,
here goes anyways.

Winston Cup Series

Car Driver Frequencies
--- ------ -----------
1 Rick Mast 461.1625 463.8875
2 Rusty Wallace 463.450 466.5625
3 Dale Earnhardt 469.0125
4 Ernie Irvan 464.300
5 Ricky Rudd 468.2125 468.2425 469.375
6 Mark Martin 460.950
7 Jimmy Hansley 466.475 467.075
8 Sterling Marlin 465.8875
9 P.J. Jones 853.4875 Practice - 465.000
11 Bill Elliott 855.5125
12 Jimmy Spencer 467.575 467.725
14 Terry Labonte 857.8375
15 Geoff Bodine 457.525
16 Wally Dallenbach 468.450
17 Darrell Waltrip 468.7625 469.3125
18 Dale Jarrett 466.0125 467.7625
20 Bobby Hamilton 466.275
21 Morgan Shepherd 855.2875 854.7875 855.0375
22 Bobby Labonte 468.9375
24 Jeff Gordon 467.0625
25 Ken Schrader 466.7875
26 Brett Bodine 460.5875
27 Hut Stricklin 855.5625
28 Davey Allison 466.950 461.3125
30 Michael Waltrip 466.300 853.8875
32 Jimmy Horton 462.7125
33 Harry Grant 468.775
40 Kenny Wallace 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
41 Phil Parsons 461.2125
42 Kyle Petty 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
44 Rick Wilson 852.1875 852.0875

45 Rick Bickle, Jr. 463.7375
49 ????? Smith 469.6375 469.6125
51 Jeff Purvis 468.325
52 Jimmy Means 467.925
55 Ted Musgrave 465.6875
68 Greg Sacks 467.000 464.025
71 Dave Marcis 467.5625
73 Phil Barkdoll 467.825 467.775
75 Dick Trickle 468.975
77 Mike Potter 464.425
82 Mark Stahl 461.825
83 Lake Speed 859.8125
89 Jim Sauter 464.9625
90 Bobby Hillin 467.1625
95 Ken Ragan 461.825
98 Derrike Cope 468.725 469.150
0 Delma Cowart 460.6875
03 Kerry Teague 468.8125

Officials, Radio, and TV Networks

NASCAR Ch. 1 464.500
NASCAR Ch. 2 464.775
NASCAR Ch. 3 464.900
NASCAR Ch. 6 463.850
NASCAR 467.800
NASCAR 468.325
NASCAR (timing&scoring) 463.650
MRN Radio 454.000
ESPN TV 450.250
ESPN TV 450.350
WTBS TV 455.5875
CBS TV 153.290
Winston Cup Scene 465.9625
Inside Winston Cup 463.2625
Capital Sports Radio 450.250
ABC Television 455.1125
TNN 450.5875
PRN (Charlotte) 450.850
Hoosier Tire Co. 464.9625
IROC 461.6625 641.0625

Well, in none of these frequencies are in use when you need them, there
are clearly two places to use your search feature:

1) 460-470
2) 850-856

This should uncover just about anything you are looking for.

From rec.radio.scanner Fri May 27 09:38:54 1994
From: kd282s328@sycom.mi.org (Kristine Duffy)
Date: Thu, 26 May 94 21:24:59 EST
Newsgroups: rec.radio.scanner
Subject: Revised Indy 500 Freq's HERE!

Here is the Final List.. hope you who are going get it in time for the race.

-Kristine
kd282s328@sycom.mi.org (Kristine Duffy)

FORMATTED FOR 80 COLUMN OUTPUT

Indy 500 Frequencies 1994 5/26/94 revision (Final)
First Frequency Listed is the Primary Frequency
(s)=Denotes Scrambled Communications

Car Driver Frequency(s)
1 Nigel Mansel 461.2875 468.2250
2 E. Fittipaldi 852.1875(s) 855.7875(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
851.0375(s)
3 Paul Tracy 855.7875(s) 856.9125(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
4 Bobby Rahal 468.2625 469.2625 463.8875
466.3125
5 Raul Boesel 466.1875 462.0875 464.9125
6 Mario Andretti 461.7125 462.6500 468.3625
7 Adrian Fernandez 464.5625
8 Michael Andretti 467.0375 464.0375 462.2625
9 Robby Gordon 461.0625 463.2375 461.0125
10 Mike Groff 462.8125 467.8375
11 Teo Fabi 464.9375 467.1875 465.7375
460.3125
12 J. Villeneuve 466.5375
14 Brian Herta 461.8375 463.9875 457.5875
457.5375 461.4375 456.9125
16 Stephan Johansson 853.4875 855.5875
17 Dominic Dobson 468.4625 463.4625
18 Jimmy Vassar 467.0875
19 Brian Till 460.0875
21 Roberto Guerrero 461.8125
22 Hiro Matshusista 462.0875 464.9125 466.1875
465.0125
25 Marco Greco 467.7500 468.8125 468.2125
465.0125
27 Eddie Cheever 467.7625
28 Arie Luyendyk 465.2375 461.2375
31 Al Uncer Jr. 854.8375(s)
33 John Andretti 461.3375 463.9875
40 Scott Goodyear 463.7375 468.7375 469.2375
45 John Paul Jr. 461.2125
59 Scott Brayton 468.7625

71 Scott Sharp 461.7625 466.7625
79 Dennis Vitolo 461.4125
88 Manricio Gugelmin 469.8875
90 Lyn St. James 463.7625
91 Stan Fox 469.6250
99 Hideshi Matsuda 466.4125

USAC Race Control 821.6875
USAC Officials 935.1375 935.1500 936.6375
Safety Vehicles 453.3000 458.7500
Infield Medical 155.2500 157.6350
Indy PA System 470.0500
Indy Radio Net 450.8375
ESPN 455.5500
ABC TV 159.2700
Also Check for media from 450-451 Mhz and 455-458 Mhz.

End of File

2675. Yupiteru 7100 for sale!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-02 18:12:02 UTC
From: ICDEVICE@ix.netcom.com
Message-ID: <3j51pi$etl@ixnews2.ix.netcom.com>
Source record: 260787

I have a mint in the box MVT-7100 handheld scanner .5 to 1.6 megs
1000 mem chans. lsb usb am wfm fm the coolest of the handhelds with
triple conv. rec. $550. mint with box "no gaps"
Ron 408-241-7376

2676. Re: All-band scanner beam?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 18:25:50 UTC
From: horak@convex.com
Message-ID: <3j52je$r5u@eugene.convex.com>
Source record: 260788

In <3j3jkd$mat@newsbf02.news.aol.com> ncarrigan@aol.com (NCarrigan) writes:

> Does anyone know right off hand, if there is a scanner beam out there?
> That essentially has a broadband reception capability, but in a
>directional form.

A log periodic?

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2677. Re: Is this list any good?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 18:48:08 UTC
From: dtiller@rmc.edu
Message-ID: <3j53t8$125@gnd0.rmc.edu>
Source record: 260823

Mr. White (adehart@ecst.csuchico.edu) wrote:
: This is a frequency list that I got off an ftp site somewhere, don't
: remember exactly where now. Well anyway if anyone here could look at it
: and tell me how accurate it is, I know some of it is because I have used
: it to find some local police frequencies that I didn't know about before.
: Anyways any help is appreciated.
: All Frequencies are in MegaHertz (MHz)
: ~~~~~~
: 220.000-225.000 Amateur 1.25 Meters - Secondary

This should be:
220.000-222.000 Stolen from Amateurs for United Parcel Service
222.000-225.000 Amateur 1.25 Meters

--
David Tiller | Network Administrator | ICBM: 33d 42' 43.75" N |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| 77d 31' 32.19" W |
Remember: someday, somewhere, when you least expect it a man with a microphone|
may step up to you and say, "What's the frequency, Kenneth???!!!" |

2678. Re: Bel 645 STI Radar Detector

Newsgroup: rec.radio.scanner
Date: 1995-03-02 19:12:37 UTC
From: gcook@netcom.com
Message-ID: <gcookD4tup1.8Fq@netcom.com>
Source record: 260732

I have to agree with the excessive false alarms on the Laser band. This one seems to be more heat related. Last summer, I had a lot more of these than this winter.

My cell phone also triggers false alarms on the K bands when it crosses into a new cell, especially when it goes into roaming area. I called Bel about the problems. They said it was caused by EMI and sent a new cord to filter the power. Didn't seem to make any difference. I've learned to live with it.

Gary W. Cook
gcook@netcom.com (personal) or gary@mce.com (work)

--
Gary W. Cook
gcook@netcom.com (personal) or gary@mce.com (work)

2679. New Zealand

Newsgroup: rec.radio.scanner
Date: 1995-03-02 20:27:31 UTC
From: martin@dc.cis.okstate.edu
Message-ID: <3j59nj$skh@bubba.ucc.okstate.edu>
Source record: 260793

Maybe somebody in this group can answer a question from way back in time.
In 1970, I remember a band opening between Oklahoma and New Zealand;
or, at least, that is my best guess as to where the signals originated.

The frequencies were in the 41 to 42Mhz range. Due to receiver
limitations, I could never tell whether the transmitters I was hearing were
using AM or FM, but I think they were AM. They appeared to be repeaters
operated by a New Zealand police agency which might be similar to our Highway
Patrols or state police as the content of the messages seemed to be more
about road accidents and disabled vehicles rather than metropolitan police
calls. One of the base station names I remember was "Auckland Transport."

Does or did New Zealand have such a network? Even during good band
openings, I have never heard those signals since about 1970 or 1971.
Just curious.

Martin McCormick WB5AGZ Stillwater, OK
OSU Center for Computing and Information Services Data Communications Group

2680. Re: Who owns the cell fre

Newsgroup: rec.radio.scanner
Date: 1995-03-02 21:18:00 UTC
From: daniel.copeland@woodybbs.com
Message-ID: <93.4153.7592.0NFB9693@woodybbs.com>
Source record: 260822

Do you know a mod for the Pro-62? I have been looking for one for quite a while. I would appreciate it greatly if you could send me instructions on how to perform the mod if you know one. Thanks in advance.
Catcha Later

--- The Listening Post
* Origin: The Listening Post BBS-KD4IEN, Hampton,Va. (1:271/263)

2681. Wanted: U.S. Customs Freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-02 21:22:49 UTC
From: "Frederick D. Lampman" <ufdl@sunyit.edu>
Message-ID: <Pine.ULT.3.91.950302161915.16376A-100000@pool.info.sunyit.edu>
Source record: 260778

Can anyone help me find the U.S. Customs frequencies in use along the U.S.-Canadian border in New York State (particularly along the St. Lawrence River)???

Please reply to ufdl@sunyit.edu

2682. Re: MODS needed

Newsgroup: rec.radio.scanner
Date: 1995-03-02 21:31:03 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3j5den$d99@mailer.fsu.edu>
Source record: 260733

Robbin A. Olson (robbino@primenet.com) wrote:
: Could someone direct me to an ftp site where I can locate scanner
: modifications. I seem to remember one, but have missplaced it. Oakland
: sounds familiar, but I cannot rememer more than that.

Reposted from the intro FAQ file.

Modification article files can be copied from several ftp
sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

```
---------------============================================================
------------========== | naus@cs.fsu.edu
----------=========== James | naus@freenet.fsu.edu
----------=========== |-------------------------------------
----------=========== Naus | Florida State University
------------========== | Tallahassee, Florida USA
---------------============================================================
```

2683. Re: All-band scanner beam?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 21:35:16 UTC
From: cseymour@mbunix.mitre.org
Message-ID: <3j5dmk$6dm@linus.mitre.org>
Source record: 260736

In article <3j3jkd$mat@newsbf02.news.aol.com>, ncarrigan@aol.com (NCarrigan) writes:
|> Does anyone know right off hand, if there is a scanner beam out there?
|> That essentially has a broadband reception capability, but in a
|> directional form.

Grove has one, $59.95.

30-50, 108-136, 136-174, 225-400, 406-512, and 806-960 MHZ.
The catalog says it gets 6-9 dB gain over other antennas.

Call them at (800) 438-8155.

2684. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-03-02 21:58:24 UTC
From: wierz@heron.cad.melpar.esys.com
Message-ID: <D4u2DC.Jn2@melpar.esys.com>
Source record: 260870

In article <3j5aqi$6fu@news.millcomm.com>, arnold@mill2.millcomm.com (AWT) writes:
|> In article <3i2v4f$1l3@ccshst05.cs.uoguelph.ca>, dretzik@uoguelph.ca (David Retzik) says:
|> >
|> >
|> >Here in Guelph, Ontario, Canada, I caught the Shuttle at 148.865. I
|> >believe that this is VE3RCK from Waterloo, Ontario.
|> >
|> >Dave
|>
|> I have a list of all the shuttle rebroadcasting frequencies for N America
|> I think my friend has in textfiles form, I'll try to post it when I get a
|> chance.

Lets' have it, Arnold! The bird's up now! =;^)

****
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
****

2685. Re: Adjusting AT&T Cordless Phone Channels

Newsgroup: rec.radio.scanner
Date: 1995-03-02 22:22:59 UTC
From: John Chong <jchong@cisco.com>
Message-ID: <3j5gg3$ik1@cronkite.cisco.com>
Source record: 260735
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner

Cordless units with only a few channels are usually crystal controlled. Look for one transmit and one receive crystal per channel. You may be able to replace the crystals but they are likely to be cut for odd frequencies. Have you checked with AT&T for a solution?

2686. control channel technical info

Newsgroup: rec.radio.scanner
Date: 1995-03-02 22:36:56 UTC
From: bmm1@freenet3.scri.fsu.edu
Message-ID: <3j5ha8$be3@freenet3.scri.fsu.edu>
Source record: 260795

Does anyone know the specifics of trunked radio control channel transmissions? I have looked at them on a scope and they don't make much sense. I have a programmable DSP modem that I have used successfully to read a lot of different forms of modulation and data protocals but I had good information to start with. Any information would be appreciated.

Bruce.
--
Bruce M. Marshall bmm1@freenet.fsu.edu voice 615 481 0990 fax 615 481 8039

2687. BC700A

Newsgroup: rec.radio.scanner
Date: 1995-03-02 23:01:57 UTC
From: pkh@mec.allied.com
Message-ID: <3j5ip5$icu@caess8.cae.aro.allied.com>
Source record: 260783

Does anyone have any mods for the Bearcat 700A scanner?

Can cellular bands be restored on this model, or is this a post-ban scanner that cannot be restored? (This is a mobile/base scanner that has several preprogrammed banks of channels & 800 MHz coverage).

Thanks for any help you can provide!

Paul

2688. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-02 23:05:52 UTC
From: billsohl@earth.planet.net
Message-ID: <3j5j0g$3u@jupiter.planet.net>
Source record: 260791

AWT (arnold@mill2.millcomm.com) wrote:
: In article <3htgv5$joj@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) says:
: >
: >In a previous article, folson@prairienet.org (Fran Olson) says:
: >
: >> No Mobile Scanners allowed in these following states IPB (WB9ULS)
: >> ==
: >> 1. DIST. OF COLUMBIA <--this one was undecided when printed..
: >> 2. FLORIDA
: >> 3. INDIANA
: >> 4. KENTUCKY
: >> 5. MICHIGAN
: >> 6. MINNESOTA
: >> 7. NEBRASKA
: >> 8. NEW YORK
: >> 9. OKLAHOMA
: >> 10. VERMONT
: >> 11. WEST VIRGINIA
: >
: >Fran, your post mistakenly implies that these states outlaw mobile
: >scanners for everyone. I know that Indiana, for example, allows hams to
: >have scanners in their vehicles. If you are going to post such a list,
: >you should give the exceptions too.
: >--
: Minnesota allows you to have scanners in your car if your a ham too.

Actually, all of those states exempt hams from the applicable law(s).
Only one of those states (Michigan I believe) specifies that to have
the ham exemption you must be a technician class or higher (therefore
a ham with a novice license is excluded from the exemption).

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

2689. PRO-51 Mods Suggestion

Newsgroup: rec.radio.scanner
Date: 1995-03-02 23:43:06 UTC
From: westj@ten-nash.ten.k12.tn.us
Message-ID: <3j5l6a$mmc@newssvr.cacd.rockwell.com>
Source record: 260776
Body handling: HTML body converted to readable text

I have been looking over the PRO-51 manual, and have been thinking evil thoughts. First, I know that all band and tuning information comes from the CPU, which drives the PLL and various diode switches to tune a given frequency. Now the CPU has been programmed at the factory with certain bands locked out . What I want to do is
reprogram the cpu to put the Cell band and the cordless phone freqs into the already programed Weather and Air bands.

Can this be done? I am sure the processor is available over the counter (if the electonics cops have not made that illegal also). Can one come up with new code for this chip? What would I need to buy/borrow to do it (minus soldering equipment I already own)?

Anyone have any suggestions, or has anyone already done this sort of brain opperation on their scanner?

Thanks, James

2690. Re: Cellular Monitoring

Newsgroup: rec.radio.scanner
Date: 1995-03-03 00:15:39 UTC
From: dbushong@wang.com
Message-ID: <D4u8q4.BG1@wang.com>
Source record: 260745

schuster@panix.com (Michael Schuster) writes:

>In article <081321Z02031995@anon.penet.fi>, <an171222@anon.penet.fi> wrote:
>>
>>When listening in on cellular frequencies what would be the reason that I
[...]

We all know that the Congress has told us that listening to cellular is illegal. So this guy says "while listening in on cellular frequencies" and we all accept that it's OK. There are some people who would say "Hey! he shouldn't do that!" Or what if he said "While I was going to work this morning, I came up on this guy in the left lane who was only going 75, and I had to slow down..." OK, and what if he said "I plugged this guy who I know for a fact was robbing liquor stores in the 'hood", or maybe even "My kid spit on me when I told him he had to do his homework, so I beat him with a hot fireplace poker."

Where do you draw the line on which laws are OK to ignore and which are not? Basically, the guy said "while I was breaking the law the other day,..."

Are scanner listeners law-abiding? The answer is probably "no." Now that cellular, as well as 46/49 phones, are illegal to monitor, you can read about yourself here in Sec. 2521 of the ECPA (Injunction against illegal interception):

Whenever it shall appear that any person is engaged or is about to engage in any act which constitutes or will constitute a felony violation of this chapter, the Attorney General may initiate a civil action in a district court of the United States to enjoin such violation. The court
[...]

So if you even "appear" to be engaging in an act of monitoring the cellular band, you're a not-yet-convicted felon. And when you answer a posting that asks for help to monitor 870 MHz communications, you are aiding/abetting a felonious act. You don't have to do it; you merely have to "appear" to be doing it.

What could you have possibly been thinking when you voted these people into office?

Dave
--
Dave Bushong Internet: dbushong@wang.com
Wang Software Packet: kz1o@k1ugm.ma

2691. Re: Shuttle Audio Retransmissions in Chicago?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 02:09:39 UTC
From: kerhop@eskimo.com
Message-ID: <D4uE04.2rM@eskimo.com>
Source record: 260744

AWT (arnold@mill2.millcomm.com) wrote:
: I have a list of all the shuttle rebroadcasting frequencies for N America
: I think my friend has in textfiles form, I'll try to post it when I get a
: chance.

Yes, please do.....

--
---*---
| |
| Programmers, try http://www.eskimo.com/~kerhop/progcomp.html |
| |
---*---

2692. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-03 02:30:22 UTC
From: dshunter@nunki.usc.edu
Message-ID: <3j5uvu$f9p@nunki.usc.edu>
Source record: 260746

In article <3j3nvg$c18@news.service.uci.edu> eauu678@aldebaran.oac.uci.edu
(Joshua Taylor Burley) writes:
>
>>The test codes still work. But the 7A4's will have on channel 23 888mhz
>>programmed in. This you normally can't get on the Pro-51.
>
>I did that test, and on channel 23, I get 888.960 mhz... I've got 12a3 stamped
>on the back too, and I can scan through the 800mhz band that's not covered
>in the back between 868-896 mhz... what
>'s up with that?
>
>- Randy Reyes

That would be the mod that you are looking for for your Pro-51. There
are NO simple internal modifications that you can do to this scanner.
Scan up and down from that test frequency to determine the range. 12A3
is merely the date code.

Dave

2693. TR-2400 Web Site?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 03:44:08 UTC
From: VictorD@Shadow.net
Message-ID: <3j63a8$9fp@anshar.shadow.net>
Source record: 260779

Any Trident Web sites or specificaly TR-2400 Web sites? I thought I saw one a while back, but don't recall the address. Any help is appreciated! Take care,
Vic DeVore

2694. Re: Ham freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-03 04:39:43 UTC
From: bg824@freenet.buffalo.edu
Message-ID: <D4uKy9.8Mp@freenet.buffalo.edu>
Source record: 260724

you should be able to receive the amateur bands
6 and 2 meters plus 70 and 33 centimeters.
6 meter = (50 to 54 MHz)
2 meters = (144 to 148 MHz)
70 centimeters = 420 to 450 MHz)
33 centimeters = (902 to 928 MHz)

The 2 meter band is the most active in my area
you may get different results in your area.

Happy Listening!

2695. Re: Disneyland Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 04:43:26 UTC
From: retzbach@mcs.com
Message-ID: <3j66ot$8h@News1.mcs.com>
Source record: 260780

In article <3j34td$11oe@usenetp1.news.prodigy.com>,
XCVB98C@prodigy.com (Mojo Fox) wrote:
>Anyone know any frequencies for the Disneyland in Californa? Or any
>other interesting frequencies for that area?

Disneyland in Anaheim:

464.325 -- security
464.5375 -- maintenance
464.6375 -- emergency controls
464.4125 -- maintenance
464.5125 -- special events/fireworks
464.4875 -- operations
464.4625 -- security
464.575 -- hotel security
464.7625 -- trains/monorail
464.0375 -- ride control
154.570 -- security
154.600 -- submarine

2696. Re: What scanner can trac 800 trunked

Newsgroup: rec.radio.scanner
Date: 1995-03-03 05:24:25 UTC
From: mpage@netcom.com
Message-ID: <mpageD4un0q.Fyy@netcom.com>
Source record: 260781

Robert Barker (robert@eden.com) wrote:
: Are their any scanners out there that can track 800 Mhz trunked systems?

Not yet, but I am sure it will come. There is no standard for trunking systems yet so it makes it a bit hard to build a scanner to do the job. Unless there are a very large number of frequencies, you can really do it with a turbo speed scanner. I do it with the BC-8500 for Orange County, CA Fire which has 3 groups of 5 freqs. One roaming freq per group is always the data channel and must be locked out each day (no BIG deal).

The problem comes when they put the entire city or county on the same group of, let's say 20 channels and have PD, Fire and everything else together..
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

2697. Re: Cellular Monitoring

Newsgroup: rec.radio.scanner
Date: 1995-03-03 05:49:37 UTC
From: ligosa@pipeline.com
Message-ID: <3j6alh$6gp@pipe3.pipeline.com>
Source record: 260754

In rec.radio.scanner schuster@panix.com (Michael Schuster) said:

>The base frequencies sometimes don't transmit the sidetone (an echo of the

>mobile caller's voice) or suppress it so much that you don't hear it.
--

Hi Mike,
What is the reason for the above mentioned situation. I have yet to get an
answer to that ?

Chris Barbosa
Ligosa Entertainment Corp. NYC
Email Address - ligosa@pipeline.com

2698. Re: Need freq !!! (EFD Tower)

Newsgroup: rec.radio.scanner
Date: 1995-03-03 05:58:52 UTC
From: daf19730@Jane.UH.EDU
Message-ID: <3j6b6s$a0g@masala.cc.uh.edu>
Source record: 260782

>Wow ! well that worked so well I'll try one more shot.
>
>I have Police Call (1995) and it has the Freq's for Webster PD, the
>problem is after listening to the stations, there is no way it's Webster
>I hear disp. calling units to street names in downtown Houston. My guess
>is thats it's the Harris County Sheriffs Dept. who does cover Webster.
>
>I found the VFD and Southeast (Webster) EMS but absolutely no luck with
>Webster PD.
>
>Anyone ????
>
>thanks again....
>Scan ON !!!
>tim
453.575 MHz

73 de kb5pgy

2699. Anybody open up an AR8000 ?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 07:53:00 UTC
From: rotnapple@aol.com
Message-ID: <3j6hss$bcs@newsbf02.news.aol.com>
Source record: 260753

Well?

Any brave soul out there crack the case on an AR8000 and ifs ya did, what did ya see eh?

8 more lives to go
Greg, the RotnApple
RotnApple

2700. SanDiego Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-03 08:28:36 UTC
From: curvivor@ix.netcom.com
Message-ID: <3j6jvk$320@ixnews3.ix.netcom.com>
Source record: 260757

Please, once more, thought I had'em, can'nt find'em. Thanx, Al
--
"It's OK to give in, but NEVER give up!"

2701. aor-8k

Newsgroup: rec.radio.scanner
Date: 1995-03-03 08:34:43 UTC
From: william p foster <wpfoster@on-ramp.ior.com>
Message-ID: <3j6kb3$2um@on-ramp.ior.com>
Source record: 260758

do think radio need any updates? the aor-8000-uk that is
like the auto ser-mode
Bill

2702. Re: BearCat 890XLT scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-03 08:59:15 UTC
From: stavros@agora.rdrop.com
Message-ID: <D4uwys.AI6@agora.rdrop.com>
Source record: 260790
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3itbsd$9dc@dartvax.dartmouth.edu>,
Kimberly Sanborn <Kimberly.Sanborn@dartmouth.edu> wrote:
>
>P.S.
>What's the difference between alt.radio.scanner & rec.radio scanner??

Not much. However a lot of sites don't carry rec.xxx groups, but will
carry alt.xxx.

TTFN

-Steven

2703. WTB:ICOM R-7100

Newsgroup: rec.radio.scanner
Date: 1995-03-03 09:07:51 UTC
From: CFIPAUL@ix.netcom.com
Message-ID: <3j6m97$20q@ixnews4.ix.netcom.com>
Source record: 260792

Want Pre-Ban R-7100 radio. Must be in new condition with manual. Will pay cash for it. If interested, you can E-mail me here on internet or on America Online at CFIPAUL709 screen name. Or you can call me at 909-933-4337 (Pager/voicemail).

Thanks,
Paul

2704. Marine Radio Channels?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 11:20:09 UTC
From: dbecker@tiger.lsu.edu
Message-ID: <3j6u19$1m8u@tiger1.ocs.lsu.edu>
Source record: 260756

What are the Marine Radio Channels? Or where should I look for them?

How bout' the Marine Operator channels?

Thanks.

2705. Repost GPS/map CDROM info please

Newsgroup: rec.radio.scanner
Date: 1995-03-03 12:04:01 UTC
From: L694047@LMSC5.IS.LMSC.LOCKHEED.COM
Message-ID: <173563931S86.L694047@LMSC5.IS.LMSC.LOCKHEED.COM>
Source record: 260794

I am pretty sure it was in this newsgroup that someone recently posted information on a (2-step?) process for getting CD-rom software for use with GPS equipment. It was something like - buy a software mappping program, send it in with some money, get a much better program, interface this with your GPS unit and, if you're using a laptop or other portable computer, real-time moving map.

Of course, I didn't save the post at the time.

If the author or anyone else with the details will please re-post, I would greatly appreciate it!

Thanks!
Fred Zuschlag ko4yu
zuschlag@lmsc.lockheed.com

2706. Scanner Shops in Perth, Australia?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 13:22:54 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.156.000D621D@ccm.hf.intel.com>
Source record: 260726

I'll be in Perth next week and I was wondering if anyone knows of any shops
that carry scanner gear?

Thanks

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

2707. Re: BC700A

Newsgroup: rec.radio.scanner
Date: 1995-03-03 14:15:54 UTC
From: domonkos@access.digex.net
Message-ID: <qHoLliubGIbF079yn@access.digex.net>
Source record: 260796

In article <3j5ip5$icu@caess8.cae.aro.allied.com>,
pkh@mec.allied.com (Paul Hartley) wrote:
> Does anyone have any mods for the Bearcat 700A scanner?
>
> Can cellular bands be restored on this model, or is this a post-ban scanner that cannot be restored? (This is a mobile/base scanner that has several preprogrammed banks of channels & 800 MHz coverage).
>
> Thanks for any help you can provide!
>
> Paul
>
>

Tried e-mailing you but keeps bouncing.

Send me your FAX number and I'll FAX the procedure to you. Note that not all units can be modified, the ones sold by Sears have been a no go while the units from Damark will. Serial number sequence unknown.

Andy

2708. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-03 15:28:11 UTC
From: hacker@patagonia.bellcore.com
Message-ID: <3j7cib$6r6@athos.cc.bellcore.com>
Source record: 260705

In article <3j3pb9$e3k@mailer.fsu.edu>, naus@xi.cs.fsu.edu (James Naus) writes:
>For Pro-51's after date-code 8A4 you will get the following test freqs
>not within the Pro-51's normal coverage.
>
>Channel 14 -- 66.45 MHz
>Channel 15 -- 76.825
>Channel 16 -- 87.425
>
>BUT NOT CELLULAR
>Channel 23 is now 857.2125 (it used to be 888.96)
>You can pick up cellular images in the lower 900 MHz region.
>
>If your Pro-51 will not take the test mode 1. You must do test mode 1
>WHILE the display test is running. My scanner (7A4) came in a box with the
>orange dot and this mod worked just fine. :)
--

You can get the 888MHz test freq in chan 23 with the 11a4 pro-51 using
the above procedure. This does not seem to be the case with the 10a4
however. This info concluded from extensive testing at RS.

Jon Hacker

2709. new rs scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-03 16:48:54 UTC
From: raymo@netcom.com
Message-ID: <raymoD4vIpI.MEG@netcom.com>
Source record: 260805

does anyone know if the new radio shack scanners will be modifiable? I have a listing for the pr508, 2030-2039....but i don't want to even look at them if they're all locked up for good....

any help would be great...

thanks,

ray

2710. NEED: Nassau Cty N.Y.

Newsgroup: rec.radio.scanner
Date: 1995-03-03 17:20:00 UTC
From: edward3@dorsai.org
Message-ID: <D4vK5C.9Fr@dorsai.org>
Source record: 260764

The police in Nassau county appear to have changed some of the freq.

If anyone has the freq. for the 1st and 7th pcts. please email any info you may have.

Thanks in advance.

2711. AOR 8000 and SW

Newsgroup: rec.radio.scanner
Date: 1995-03-03 18:57:06 UTC
From: rdavison@accessone.com
Message-ID: <3j7oq2$d0b@pulm1.accessone.com>
Source record: 260767

Any reports on how the 8000 performs on short wave?

Regards,
Randy Davison
K7VOE

2712. Re: Anybody open up an AR8000 ?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 19:33:13 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar3.193313.11417@news.csuohio.edu>
Source record: 260802

rotnapple@aol.com (RotnApple) writes:
: Well?
:
: Any brave soul out there crack the case on an AR8000 and ifs ya did, what
: did ya see eh?
:

After a cracked AR8000 case I think I'd see a lot of tears.

:-)

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2713. AR8000 AUDIO SCAN - Solved!!

Newsgroup: rec.radio.scanner
Date: 1995-03-03 19:36:13 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar3.193613.11600@news.csuohio.edu>
Source record: 260803

This info might help fellow AR8000 owners who suspect that their AUDIO SCAN/SEARCH function may not be working properly, when it in fact might be working just fine.

I recently posted my experiences with this, and was pretty convinced that there was a problem with the AUDIO SCAN/SEARCH not working on my radio too. I believe there really ARE units that are truly defective, but here is what I discovered about mine to solve the problem.

Hold down [FUNC] [4] at the same time, while turning the unit on, holding down these two keys until the radio displays "SET LEVEL" and "AUDIO LEVEL". There will be a 2-digit value displayed also (how to do this is also in the manual near the end).

It took me a while of fiddling with the radio and examining the manual to figure out that mine was set by default to 00 (rather than 0A like it says in the manual)! This parameter sets the minimum amount of modulation present in a carrier before it is considered a truly valid signal (and thus not bypassed via AUDIO SCAN/SEARCH). Thus when set to 00, AUDIO SCAN/SEARCH considers a perfectly quiet carrier to be a valid signal, thus opening the squelch and staying locked on that frequency, and all you hear is a dead carrier. It was precisely this that lead me to believe that my AR8000 was defective (until I found the solution).

Well, the manual says this default is "0A". With my default being 00, it effectively negated the effect of the AUDIO SCAN/SEARCH. So, I set the value to 0A (like the manual said) and it seemed to work fine. Actually, after some playing with it, I settled on a much lower value of 02, since 0A seemed to blow past signals with moderately strong carrier modulation; signals that you really DO want to hear. Setting it to 02 seemed to be enough for it to truly ignore reasonably quiet carriers.

The numbering scheme chosen for this parameter seems strange, and is in hexadecimal form, and ranges from 00 to 4F. Converted to decimal, this results in 80 discrete settings for the AUDIO LEVEL (4 * 16 + 16 = 80), F = 16 hex. You really don't need to know hex to set this, but it would have made more sense if it was sequentially indexed using conventional decimal notation (00 to 80). Of all the settings in this scanner, it's the only one that counts in hexadecimal. I guess this truly makes it a computer!

If setting AUDIO LEVEL to something greater than 00 does not fix it on your radio, then you probably have a bona fide problem with

it. My serial number by the way is 11412.

I hope this helps. It was a big relief.

Mike Mayer
mayer@boulder.vni.com

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

2714. Spontaneous Human Combustion?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 20:38:31 UTC
From: dseitel@crl.com
Message-ID: <3j7uo7$i6v@crl10.crl.com>
Source record: 260810

What ever happened to fiery Bill Nelson? He used to post a lot in here and in some other groups, but I haven't seen a post from him in ages.

--
David S. Eitelbach | Jalapeno peppers: 4,000 Scoville heat units.
dseitel@crl.com | Habanero peppers: 300,000 Scoville heat units.

2715. Question about Pro-39 mod

Newsgroup: rec.radio.scanner
Date: 1995-03-03 20:39:55 UTC
From: jevest@vt.edu
Message-ID: <3j7uqr$nla@solaris.cc.vt.edu>
Source record: 260811

I know the mod. for the pro-39...D6 diode. My question is, what are the benefits of this mod? I already can pick up a lot images of the celluar freqs. (852-868 Mhz).. Sometimes..as much as 100 images at once (different freqs of course) during rush hour...Please E-mail me if you know at jevest@vt.edu Thanks in advance....
(for refs, date code is 2A3, FCC-ID AA020-303)

2716. PRO-39 / Any Mods? Any good? Mil Aircraft?

Newsgroup: rec.radio.scanner
Date: 1995-03-03 21:43:11 UTC
From: rcanifax@sensemedia.net
Message-ID: <3j82hf$5aa@emerald.oz.net>
Source record: 260815

I've got a Pro-39 and think it's great. I'm new to this group and most of the postings I see are for Pro-43 on. Any reposts would be appreciated...

Thanks,
Rick

2717. Re: MVT7100

Newsgroup: rec.radio.scanner
Date: 1995-03-03 21:43:16 UTC
From: horak@convex.com
Message-ID: <3j82hk$ghh@eugene.convex.com>
Source record: 260816

In <93.4027.7592.0NFB95E3@woodybbs.com> joe.taylor@woodybbs.com (Joe Taylor) writes:

>Title : THE ULTIMATE SCANNER
>I am placing this add for a friend of mine.
>1000 memory channels + power supply The name of this scanner is
>YUPITERU MVT-7100. He is asking $750.00. If interested give Richard a
>call at 707-431-8459 before 2100 hours Pacific time.

$750??????? You gotta be kidding! They don't go for that BRAND NEW!
Try $500/$550 OBO.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2718. 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-04 00:46:24 UTC
From: robbino@primenet.com
Message-ID: <robbino.10.00038967@primenet.com>
Source record: 260804

I am new to scanning, so please bear with me.

I notice that the 51-88 MHz frequencies are not available on my scanner.
Could someone with some smarts tell me why and what those frequencies might be
used for.

Just curious.

Thanks.

robbino@primenet.com

2719. RE: ni cad batteries

Newsgroup: rec.radio.scanner
Date: 1995-03-04 01:09:30 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9503040109.01MLL07@chrysalis.org>
Source record: 260819

Nicad batteries do not last as long as "convtional", i.e. alkaline, batteries. This is because their cell volage is a bit lower than alkalines. Yes, the batteries that are rapid charged will not last as long as when they are trickle chaed, mainly because of the heating When the nicads are heated, they vent through small holes in the top, thus losing electrolyte. This will kill the batteries if they lose enough.
Brian Oakley A.R.S WB5KXW Ft. Worth, TX brian.oakley@chrysalis.org

2720. PIC beacon keyer cct.

Newsgroup: rec.radio.scanner
Date: 1995-03-04 01:37:53 UTC
From: hduff@humnet.westonia.com
Message-ID: <7779-23366502@humnet.westonia.com>
Source record: 260644

Interested in a cheap and simple keyer circuit for a beacon ?
Based on the Microchip PIC16C54RC 18 pin microcontroller. Total cost
should be less than $8. Great for Ham Radio or "lowfer" beacons.
User configurable CW speed. Can accomodate a very lengthy (or short)
message without the need to "fill" empty space as in some clocked EPROM
designs. Very little wiring required for the hardware.
I have made the file containing PIC source code and documentation
available to the public domain.

FTP to humnet.humberc.on.ca and download the file "BCN_KEYR.ZIP" in the
HAMRADIO directory.

73 Hugh Duff VA3TO/VE3OYH Toronto

• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"

2721. Re: 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-04 03:01:22 UTC
From: mulligan@ACM.ORG
Message-ID: <3j8l63$213@hopper.acm.org>
Source record: 260809

robbino@primenet.com (Robbin A. Olson) asked:
> ... the 51-88 MHz frequencies are not available on my scanner.
> ... why and what those frequencies might be used for.

From the file fcc.allocations
on ftp://oak.oakland.edu
in /pub/hamradio/docs/misc

50 - 150 MHz
50.000 - 54.000 Amateur (6-meter)
54.000 - 72.000 Broadcast TV chs 2-4 (6 MHz steps - FMw)
72.000 - 76.000 (various)
76.000 - 88.000 Broadcast TV chs 5-6 (6 MHz steps - FMw)
.....

2722. PRO-30 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-04 07:34:55 UTC
From: larrym4170@aol.com
Message-ID: <3j956v$q71@newsbf02.news.aol.com>
Source record: 260773

Does anyone know of any mods to the RS Pro-30?

Thanks for the help

2723. Re: DC-2120 Tapes

Newsgroup: rec.radio.scanner
Date: 1995-03-04 08:14:36 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3j97hc$21b@umcc.umcc.umich.edu>
Source record: 260771

You posted this same message a few weeks ago, and at that time, I asked you what scanner frequencies your DC-2120 receives, yet you never responded.

Maybe noone has bought them from you yet because they don't know what frequencies these 2120s receive!

Please, don't keep up thousands of SCANNER enthusiasts here in the SCANNER newsgroup in suspense any longer, Billy!

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 In cyberspace, noone can hear you scream.

2724. bearcat 9000-xlt mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-04 09:30:42 UTC
From: houndy1@aol.com
Message-ID: <3j9c02$rbh@newsbf02.news.aol.com>
Source record: 260817

hate to be a nered and ask, but here I am. I just wanted to know. To make the mods and then to restore to legal status. Thanks.

houndy1

2725. Re: 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-04 10:40:50 UTC
From: bx615@FreeNet.Carleton.CA
Message-ID: <D4wwC3.JDH@freenet.carleton.ca>
Source record: 260727

To ad to the previous posting, 72Mhz to 76MHz is used for
remote control devices such as R/C cars, boats, airplanes...etc.

2726. OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-04 11:59:39 UTC
From: jcosiman@clark.net
Message-ID: <3j9knb$iv5@clarknet.clark.net>
Source record: 260821
Cross-posted to: rec.radio.scanner,alt.radio.scanner,phl.scanner,clarknet.radio.frequency

The current issue of Monitoring Times mentions a program called OrbiTrack in the article on SAREX. It runs on a Macintosh, and it reported to be shareware. Does anyone know where I can find it? I've checked some sites, and done an archie search. I will call a BBS to get it if I have to.

--
+--+
| jcosiman@clark.net |
| +++++++++++++++++ |
| Finger for PGP public key |
+--+

2727. Re: ni cad batteries

Newsgroup: rec.radio.scanner
Date: 1995-03-04 13:52:00 UTC
From: daniel.copeland@woodybbs.com
Message-ID: <93.4235.7592.0NFB96DE@woodybbs.com>
Source record: 260685

What is the "memory" effect of ni cad batteries?

--- The Listening Post
* Origin: The Listening Post BBS-KD4IEN, Hampton,Va. (1:271/263)

2728. for sale Glen VFO

Newsgroup: rec.radio.scanner
Date: 1995-03-04 14:32:08 UTC
From: theinric@crl.com
Message-ID: <3j9tl8$1ic@crl7.crl.com>
Source record: 260824

For Sale:

Glen 326-G Digital Controller manufactured by Glen Manufacturing in
Stockton, CA

Face description:

Has five digit readout
High/Low switch
Fine tune pot
Coarse tune pot
on/stby switch
on/off power switch

Back description:

KC/MC display switch
X2/X1 multiplier switch
frequency set adjustment
1/2/3/4/5/6 band selector switch

asking $150.00

email for more information----

Tim Heinrichs Marietta, Georgia U.S.A.
Internet: theinric@crl.com
Phone: 404-423-7072 ext. 3002

2729. BC200XLT Mod question

Newsgroup: rec.radio.scanner
Date: 1995-03-04 15:02:16 UTC
From: RHASKE41@MAINE.MAINE.EDU
Message-ID: <95063.100217RHASKE41@MAINE.MAINE.EDU>
Source record: 260729

Does anyone out there have any mods for the BC200XLT to restore
frequencies between 174Mz and 406 Mz (more specifically, 400-406 Mz)?

Also, any suggestions for a good portable antenna to replace the
standard rubber one?

Thanks!

-Ryan Haskell
RHASKE41@MAINE.MAINE.edu

2730. Re: OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-04 16:14:18 UTC
From: tspeairs@intnet.net
Message-ID: <tspeairs-0403951114190001@192.0.2.1>
Source record: 260730
Cross-posted to: rec.radio.scanner,alt.radio.scanner,phl.scanner,clarknet.radio.frequency

In article <3j9knb$iv5@clarknet.clark.net>, jcosiman@clark.net
(JMConsulting) wrote:

> The current issue of Monitoring Times mentions a program called OrbiTrack
> in the article on SAREX. It runs on a Macintosh, and it reported to be
> shareware. Does anyone know where I can find it? I've checked some sites,
> and done an archie search. I will call a BBS to get it if I have to.
>

Try ftp.demon.co.uk/pub/ham/mac

I saw it ther along with a bunch of other Mac/Ham related files. I've been
using OrbiTrack for quite a while... enjoy!

73 de WF3E, Tom

2731. BC760XLT for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-04 16:25:11 UTC
From: khenken@opie.bgsu.edu
Message-ID: <khenken-0403951725110001@m102-69.bgsu.edu>
Source record: 260740

I have a BC760XLT for sale. It comes with everything the factory supplied and I had the CTCSS tone board installed as well. I have over $375 invested in it, and I will part with it for $200 even. If interested please contact me at:

khenken@bgnet.bgsu.edu or Keary@(419)372-6736-leave message.

Keary...N8OSF

2732. Re: Scanner Guys

Newsgroup: rec.radio.scanner
Date: 1995-03-04 16:58:52 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3ja68c$1be@roch0.eznet.net>
Source record: 260731

fsw9724@vaxb.isc.rit.edu wrote:

> While these guides are good, how can anyone that lives in the Northeast
> not know of Scanner Master? Published by Richard Barnett, these books
> are by far the best...Books are available for Massachusetts, NH/Maine
> NY/Metro New Jersey, Philly..etc...If anyone wants an address for
> the publisher, let me know and I'll post it or mail it to you.
> (My Mass guide is in my car right now-but I'll make that effort if
> need be!!!)

Thanks for the compliments. If you like Scanner Master books, or
would just like to know how to contact them, you can try:

http://roch0.eznet.net/~dstark

2733. OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-04 17:09:00 UTC
From: joe.mamich@cleham.nshore.org
Message-ID: <8A4D315.001F000402.uuout@cleham.nshore.org>
Source record: 260627

Hi....its available on the Cleveland HamNet BBS is Conference #1 file directory #3...The phone number is (216)942-6382. I have been using the copy for HamNet for the last couple of months....Its a very good program!

Hope this helps......

Its under the name..."ORBITRAK.SIT"
Joe

Joe Mamich Strongsville, Ohio
joe.mamich@cleham.nshore.org Amateur Radio: KB8VJU
Packet: KB8VJU@N8KJT.#NEOH.OH.USA.NA All Ohio Scanner Club: OH-18-1912

Cleveland Hamnet BBS (216) 942-6382 Willoughby, Ohio USA
The World's Meeting Place since 1985
Dedicated to Amateur Radio and Electronic Subjects

2734. BC100XLT mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-04 17:31:04 UTC
From: wgv@tiac.net
Message-ID: <wgv-0403950931040001@wgv.tiac.net>
Source record: 260725
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hi!

Are there any mods I can do to a BC100XLT handheld from Uniden to get the
800 Mhz freqs., or improvements for it.

Thanks
Bill Vaughan

2735. BC 860XLT MODS

Newsgroup: rec.radio.scanner
Date: 1995-03-04 17:32:03 UTC
From: martwain@aol.com
Message-ID: <3ja86j$38o@newsbf02.news.aol.com>
Source record: 260734

Anyone know of modifications available for Bearcat BC860XLT?

Many thanks in advance!

MT...

2736. San Diego/ America's Cup

Newsgroup: rec.radio.scanner
Date: 1995-03-04 18:25:53 UTC
From: hdavis@pacs.sunbelt.net
Message-ID: <1995Mar4.132553@pacs.sunbelt.net>
Source record: 260739

Going to SD later in the month to watch AC action.

I would appreciate pointers to files on the net or CIS:

-Freqs used by competitors and race officials

-Freqs for Harbor area/Coast Guard generally

-Freqs for SD area

Any help appreciated by this landlubber.

2737. Opinions/mods Pro2038?

Newsgroup: rec.radio.scanner
Date: 1995-03-04 18:25:59 UTC
From: davie@primenet.com
Message-ID: <3jabbn$inf@news.primenet.com>
Source record: 260737

Hi, Anyone have the RatShack PRO-2038 home/mobile scanner? Anyone know about mods for it?

I kinda have to consider it as it would fit perfectly in my car.

Thanks, Dave

2738. Re: Freqs for UTC Mall, La Jolla, CA

Newsgroup: rec.radio.scanner
Date: 1995-03-04 18:41:15 UTC
From: compusa307@aol.com
Message-ID: <3jac8b$433@newsbf02.news.aol.com>
Source record: 260738

In article <80615@sdcc12.ucsd.edu>, jdross@sdcc13.ucsd.edu (J.D. Ross)
wrote:
>
>
> Does anyone have the frequencies for the security patrol at
> the University Towne Centre (UTC) Mall in La Jolla, California?
> I've been searching several places to see if I can find them, and
> they don't seem to be listed. Any help is greatly appreciated as I
> live across the street from them and would like to know what is
> going on sometimes. :)
>
> J.D. Ross
> jdross@sdcc13.ucsd.edu

According to the S. Cal. ScanFan, UTC is on 464.875mhz NFM. This is an
excellent book for our area. Steve R. in Escondiddo, CA

2739. Grove Sound Enhancer

Newsgroup: rec.radio.scanner
Date: 1995-03-04 21:42:44 UTC
From: rflood@cis.umassd.edu
Message-ID: <D4xqz8.279@umassd.edu>
Source record: 260642
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

I was wondering if anyone has any opnions on the Grove SP-200 Sound
Emhancer. I would like to be able to clean up the static I pick
up. Can the unit help with this? It seems exspensive though, are there
any similar speakers/filters out there?

Thanks in Advance!!

-Rich

============================
\\\|/// Richard M. Flood
(O O) rflood@cis.umassd.edu
------oOO-(_)-OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

2740. NEED: Nassau Cty PD

Newsgroup: rec.radio.scanner
Date: 1995-03-04 22:01:50 UTC
From: n2lak@news.dorsai.org
Message-ID: <D4xrv3.BHt@dorsai.org>
Source record: 260741

Nassau County PD 1st and 7th pcts have moved to a new channel 2 on 478.5625.
Listen to the Monitoring Long Island Sounds Scanner Net - Tuesdays - 8PM
to 10PM - on 146.805 FM - for all the latest scanner action.

See you there!
Dave N2LAK

2741. PRO-43 advise - Thanks

Newsgroup: rec.radio.scanner
Date: 1995-03-04 22:07:12 UTC
From: robbino@primenet.com
Message-ID: <robbino.11.006F062F@primenet.com>
Source record: 260631

I had recently inquired for advice on the purchase of a PRO-43 & information on frequencies. All has been received and taken to thought.

I particularly appreciated the advice on checking a local pawn shop. To my surprise I found a PRO-43 with a date code prior to 4A4. -$115 & very nice condition.

Would anyone be able to advise me with regard to soldering/desoldering circuit board components? How much wattage? What type of solder? . . . or any other information that might be helpful.

Thanks again for to all who have given me useful information.

robbino@primenet.com

2742. Re: PRO-30 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-04 23:00:08 UTC
From: szinski@prairienet.org
Message-ID: <3jardo$8vf@vixen.cso.uiuc.edu>
Source record: 260742

LarryM4170 (larrym4170@aol.com) wrote:
: Does anyone know of any mods to the RS Pro-30?

: Thanks for the help

I have a PRO-30... from my understanding, there are no mods available for it.
--
==========
== Steven C. Zinski - N9VAH == szinski@prairienet.org ==
== Champaign, Illinois, USA == N9VAH@N9LNQ.#ECIL.IL.USA.NA ==
==========

2743. PRO-37 (anyone have one beside's me?)

Newsgroup: rec.radio.scanner
Date: 1995-03-05 00:30:29 UTC
From: luke@primenet.com
Message-ID: <luke.15.00167D0A@primenet.com>
Source record: 260635

If you have one, can you tell me if it's modifiable?

Thanks

Dale

2744. Re: AR8000 AUDIO SCAN problem?

Newsgroup: rec.radio.scanner
Date: 1995-03-05 01:30:53 UTC
From: wa1omm@aol.com
Message-ID: <3jb48d$9ha@newsbf02.news.aol.com>
Source record: 260640

The audio scan problem was only on early UK units and can best be described as the failure of the unit to stop reliably on ACTIVE channels when the audio scan is ON. To get the unit to stop reliably involved setting the audio scan variable down to its lowest setting, so low that it would not skip channels without audio. The fix to these early UK units involved replacing three SMD's on one of the circuit boards. It is a fairly straight-forward and simple procedure, provided you have good eyes and the tools to handle the SMDs which are the size of a grain of ground pepper.

You really need to adjust the audi scan setting to suit your requirements. The default is almost never just right. And, if you are keying up a CB rig next to the 8000, there will likely be enough hum or audio pickup with such a strong signal to cause the 8000 to stop on that channel and monitor it.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

2745. Re: Anybody open up an AR8000 ?

Newsgroup: rec.radio.scanner
Date: 1995-03-05 01:31:38 UTC
From: wa1omm@aol.com
Message-ID: <3jb49q$9hk@newsbf02.news.aol.com>
Source record: 260639

Sure ... no big deal to open'er up. All the boards are modular plug-ins.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

2746. Re: AR8000 AUDIO SCAN - Solved!!

Newsgroup: rec.radio.scanner
Date: 1995-03-05 01:34:13 UTC
From: wa1omm@aol.com
Message-ID: <3jb4el$9iu@newsbf02.news.aol.com>
Source record: 260641

10536 here, and mine required the component changes.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

2747. how to mod. Pro-51 Is it possible?

Newsgroup: rec.radio.scanner
Date: 1995-03-05 03:00:14 UTC
From: aqp2979@is.nyu.edu
Message-ID: <3jb9fu$c7p@cmcl2.NYU.EDU>
Source record: 260637

[No readable article body recovered]

2748. Re: BC700A

Newsgroup: rec.radio.scanner
Date: 1995-03-05 03:08:29 UTC
From: mitchrl@sccsi.com
Message-ID: <3jb9vd$ooe@tattoo.sccsi.com>
Source record: 260755

In article <3j5ip5$icu@caess8.cae.aro.allied.com>, pkh@mec.allied.com (Paul Hartley) says:
>
>Does anyone have any mods for the Bearcat 700A scanner?
>
>Can cellular bands be restored on this model, or is this a post-ban scanner that cannot be restored? (This is a mobile/base scanner that has several prep
>
Check out May, 1993, Monitoring Times for instructions to restore cellular
frequencies as well as a review of the radio.
rlm
mitchrl@sccsi.com
KA5IGI

2749. Re: PRO-37 (anyone have one beside's me?)

Newsgroup: rec.radio.scanner
Date: 1995-03-05 03:47:11 UTC
From: Junior13@ix.netcom.com
Message-ID: <3jbc7v$8r8@ixnews2.ix.netcom.com>
Source record: 260747

In <luke.15.00167D0A@primenet.com> luke@primenet.com (Dale H. Spencer) writes:

>
>If you have one, can you tell me if it's modifiable?
>
>Thanks
>
>Dale
>

YES, you can go to http://ftp.cdrom.com and look in the hamradio(or ham-something) they have quite a list of mods. there are a couple of pro-37 mods, but I have yet to try them, they're pretty old (feb 94) so I'm sure they work.

jr.

2750. Re: Freqs for UTC Mall, La Jolla, CA

Newsgroup: rec.radio.scanner
Date: 1995-03-05 04:48:13 UTC
From: bartdoug@acusd.edu
Message-ID: <D4yAoD.GBJ@pwa.acusd.edu>
Source record: 260749

>In article <80615@sdcc12.ucsd.edu>, jdross@sdcc13.ucsd.edu (J.D. Ross)
>wrote:
>>
>>
>> Does anyone have the frequencies for the security patrol at
>> the University Towne Centre (UTC) Mall in La Jolla, California?

If you live in San Diego I highly reccommend the book "Scan Fan" which
can be obtained at HRO. This frequency (and lots of others) is in there.

The freq. is 464.8750, which I have personally confirmed. If you happen
to find any other info on them, I would appreciate you sharing...

You might also try the Radio Sport BBS at 279-3921.

Happy Scanning,

Doug

[PS, this post was limited to California only in the interest of
preserving net.resources...]

2751. Re: 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-05 04:55:32 UTC
From: bartdoug@acusd.edu
Message-ID: <D4yB0K.Gly@pwa.acusd.edu>
Source record: 260748

In <robbino.10.00038967@primenet.com>, robbino@primenet.com (Robbin A. Olson) writes:
>I am new to scanning, so please bear with me.
>
>I notice that the 51-88 MHz frequencies are not available on my scanner.
>Could someone with some smarts tell me why and what those frequencies might be
>used for.

From the Consolidated Frequency List in the back of Police Call:

50-54 6 Meter ham band
54-72 Television, wide band FM (ch.s 2-4)
72-76 Land mobile, and low-power industrial
76-88 TV again (ch.s 5 and 6)

Hope this helps. Check out Police Call for more info...

Happy Scanning,

Doug

2752. Re: 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-05 05:08:23 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3jbh07$nkb@umcc.umcc.umich.edu>
Source record: 260750

In article <D4wwC3.JDH@freenet.carleton.ca>,
Marc A. Fournier <bx615@FreeNet.Carleton.CA> wrote:
>
>To ad to the previous posting, 72Mhz to 76MHz is used for
>remote control devices such as R/C cars, boats, airplanes...etc.

As well as some freqs allocated for paging, point-to-point links,
business 2-way radio, etc. 75.0MHz is used for runway NAVAIDS at airports.

Also, the entire 51-87.975MHz spectrum is part of the military's
VHF low-band allocation.

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 In cyberspace, noone can hear you scream.

2753. Need Cell Mods for Pro-2036

Newsgroup: rec.radio.scanner
Date: 1995-03-05 05:34:39 UTC
From: Mike Deevy <deevy@vortex.netbistro.com>
Message-ID: <3jbihf$983@vortex.netbistro.com>
Source record: 260751

I am looking for "how to" modify the pro-2036 or specifically
Model 20-412 to receive cellular frequencies.

This may be a new model from Radio Shack

My scanner operations manual indicates 2 models of this scanner.

2) 20-412 (Canadian version less cellular frequencies)
3) 20-9412 (Europe/Australian including cellular frequencies)
The manufacturers label attached to my scanner shows
Pro-2036 Model 20-412

Please EMail

Thanks

2754. Idea for Pro 62 800 MHz Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-05 05:54:02 UTC
From: jpbrody@u.washington.edu
Message-ID: <3jbjlq$vu9@nntp2.u.washington.edu>
Source record: 260752

Okay, I went out and bought a Pro-62 a couple of weeks ago, and then ordered the service manual from Tandy National Parts (817) 870-5600. This is a really nicely done 56 page manual with schematics, block diagrams, debugging info, and everything else you might want to know.

First off, if you are looking for a simple modification to get back the entire 800 MHz band in a nice way, you are probably out of luck. It looks like the CPU, GRE-9329, is hard coded to reject certain parts of 800 MHz, and there's really no way around that short of replacing the CPU.

On the other hand, I think I can see a kluge around the problem. The Pro-62 has three different voltage controlled oscillators (VCO's) and it looks like it uses VCO2 to tune the 800-960 MHz band and VCO1 to tune the 380-512 MHz band. So, the way the CPU blocks 825-850 Mhz is by returning an error and refusing to put out the correct voltage to VCO2. The kluge is to swap the signal from the CPU to VCO1 with VCO2. That way when the CPU thinks it is tuning 400 MHz it will really be tuning 826 MHz.

Of course, you also need to swap the signals to the band pass filters, but that's no problem.

I haven't tried this yet, and can't guarantee anything. I know a fair bit of electronics, but I've never really worked on RF circuits before now. There's still somethings about this circuit that I don't really understand. However, unless someone gives me a good reason why this won't work, I'll probably try it in the next few days and report back.

If anyone wants to try it, here's the simple explanation. Open up the back and look for the seven wire connector on the top circuit board. Cut wires 6 & 7 and swap them. (6 is blue and 7 is violet, cut them both and then reconnect the blue one from the connector on top to the violet one that goes underneath the circuit boards and vice versa.) Do the same for 4 & 5.

I'm thinking I'll just mount a switch on the back so that I can switch between normal mode and stealth 800 MHz mode.

If anyone else is working on the Pro-62 please email me. Also, I haven't seen the schematics, but the same trick might work on other triple conversion scanners, Pro-43, Pro-2035, and Pro-2037.

--
Jim Brody jpbrody@u.washington.edu

2755. Re: 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-05 07:39:52 UTC
From: jpbrody@u.washington.edu
Message-ID: <3jbps8$17in@nntp2.u.washington.edu>
Source record: 260638

In article <robbino.10.00038967@primenet.com>,
Robbin A. Olson <robbino@primenet.com> wrote:

> I am new to scanning, so please bear with me.
>
> I notice that the 51-88 MHz frequencies are not available on my scanner.
> Could someone with some smarts tell me why and what those frequencies
> might be used for.

I noticed that a few people responded on "what those frequencies are for,"
but noone took a stab at why they are missing from many scanners.

So, I'll take a stab at it. My guess is that 51-88 MHz is filtered out early
in the RF stage of your scanner to prevent spurious signals from popping up
elsewhere. That range 51-88 MHz carries some TV channels, which in many areas
are powerful and cover a wide band. In other words, if they didn't filter it
out in your scanner, you'd have trouble hearing a lot of other things.

--
Jim Brody jpbrody@u.washington.edu

2756. Re: Ham freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-05 07:41:40 UTC
From: vector@inferno.com
Message-ID: <27444TDFDCQOXWAFVED@inferno.com>
Source record: 260646

simple layout of the amateur bands from 6-meters and up...

50-54MHz -- 6 meter ham. not sure if there is a standard. little activity

144-148MHz -- 2 meter ham. 144.0 - 144.5 simplex dx chasing... 145.100-145.5 repeater outputs, -600kHz input...145.5-146.100 simplex...146.100-146.400 repeater outputs +600kHz input...146.4-146.6 simplex...146.6-147.0 repeater outputs -600kHz input...147.0-147.4 repeater outputs +600kHz input...147.4-147.6 simplex...147.6-147.995 repeater outputs -600kHz input.

222-225MHz -- 1-1/4 meter (220) ham. repeater inputs are -1.6MHz from the repeater outputs. 220-222MHz reallocated to United Parcel Service.

430-450MHz -- 70 cm (440) ham. 430-440MHz simplex / ATV / links...440-450MHz repeater / simplex operation, repeater inputs are +5MHz from the output if the output is below 445MHz...repeater inputs are -5MHz from the output if the output is above 445MHz.

908-928MHz -- slow growth amateur and personal communications...no standards. little use in the US.

1240-1296MHz -- 1.2GHz amateur. i don't know the repeater splits for this area.

hope this helped

vector

kd6ven

2757. Re: OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-05 08:12:57 UTC
From: stonewal@clark.net
Message-ID: <stonewal-0503950311230001@stonewal.clark.net>
Source record: 260645
Cross-posted to: rec.radio.scanner,alt.radio.scanner,phl.scanner,clarknet.radio.frequency

In article <tspeairs-0403951114190001@192.0.2.1>, tspeairs@intnet.net (Tom Speairs) wrote:

>In article <3j9knb$iv5@clarknet.clark.net>, jcosiman@clark.net
>(JMConsulting) wrote:
>
>> The current issue of Monitoring Times mentions a program called OrbiTrack
>> in the article on SAREX. It runs on a Macintosh, and it reported to be
>> shareware. Does anyone know where I can find it? I've checked some sites,
>> and done an archie search. I will call a BBS to get it if I have to.
>>
>
>
>Try ftp.demon.co.uk/pub/ham/mac
>
>I saw it ther along with a bunch of other Mac/Ham related files. I've been
>using OrbiTrack for quite a while... enjoy!
>

I've been looking for this thing as well. There's a program on the NASA SpaceLink site that puts up orbital tracks as a buncha numbers, but the thing I saw on NASA TV drew the ground track on a map of the Earth as well. Is this it?

****
* Stonewall Jackson * Take the last train to clark.net, *
* stonewal@clark.net * & I'll meet you at the station... *
****

2758. Indoor Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-03-05 11:33:11 UTC
From: Vaughan.Huska@odxabbs.tor250.org
Message-ID: <f7a_9503060040@tor250.org>
Source record: 260708

Hi, ya.

I know your question was to do with an indoor antenna known as
the "Eliminator", but just to show you a similar product under a
different name called, "Power Antenna", which also purports to turn
"your entire house into a giant, dynamic antenna" by simply plugging it
into a wall outlet may not be what they are cracked up to be.

According to Consumer Reports magazine (May 1994 issue, P. 363),
the "Power Antenna" was tested by a Consumer Reports' engineer who lives
in a New York City suburb. The engineer reported that on most channels,
the device couldn't even compete with his set's rabbit ears. He also
pointed out that it's not marked with the UL safety certification
carried by almost any well-designed plug-in device. For now, he said,
he'd hold on to his ugly roof antenna.

As to the claim that the "Power Antenna" makes weak stations
crystal clear, Consumer Reports' engineer labeled it, in his best
engineer's techn-speak, "a joke".

Not sure how your "Eliminator" fares. But, hey. It's yuor
money :)

Good luck.
--
| Fidonet : Vaughan Huska 1:250/930
| Internet: Vaughan.Huska@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.

2759. Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-05 12:37:01 UTC
From: ao936@yfn.ysu.edu
Message-ID: <3jcb9d$9bp@news.ysu.edu>
Source record: 260768

Could anyone tell me what freqs cordless phones use?

Thanks.

Email replies please, I don't get here often

Regards,

Tim

2760. URL change for AR8000 Homepage, Win95 Preparation

Newsgroup: rec.radio.scanner
Date: 1995-03-05 13:51:03 UTC
From: vhealey@crl.com
Message-ID: <3jcf5g$o0u@nntp.crl.com>
Source record: 260743
Cross-posted to: rec.radio.scanner,alt.radio.scanner,crl.forsale

CRL.COM has apparently switched to a FTP server like Netcom's.
Though the old URL still works the new one should be

ftp://ftp.crl.com/users/vh/vhealey/www/ar8000.homepage.html

Please bear with crl.com as a service provider as they make this
switch to handle their rapid growth.
I guess they are concerned about their security for obvious reasons.
Can you say Mitnick?

The old URL appears to still work correctly but I would not rely on it.

BTW there may be a delay before additional posts are made to ar8000
information collection as I am having some problems adding new technology
to my PC. I am switching to EIDE drives. I just realized my old
(six months) Promise 4030vlb2 ide disk caching card dosn't allow me to do LBA
and so I was forced to buy the new Promise EIDE 2300 Plus. OS2 Warp got trashed
in the process (it be a major headache anyway so no big loss). I may lose
some more files but I believe I won't. The sticky point is that I have
an existing eide drive that I am keeping and when I switch to LBA I am not sure
if I can still read this one without reformating it outright to LBA.
I want to add WIN NT 3.5 WORKSTATION and WIN/95(March Release) to the system as well as
restore
a small partition with warp for testing purposes.

Links on homepage point to how to get win/95 in March 1995 for $30 if
you want to test it for Microsoft. If program is like NT final test
you get the final release either for free or discounted for taking part
in test.

I have the following for sale local to metro atlanta ga if anyone wants to call me
to make a deal by calling me at 435-6939

Promise 4030 vlb 2 card $40 (no ram included at that price)
Pro 43 handheld radio scanner $210 (some cosmetic scratchs)
IDE Disk drives
kalock 105MB $36
segate 130MB $46
Maxtor 225MB $79 (still under warrenty) 13 ms drive
Maxtor 340MB $119 (still under warrenty) 12 ms drive
WD Cavier 420MB $147 (two or more years left on warrenty)(10-11 ms drive)
WD Cavier 540MB $189 (two or more years left on warrenty)(10-11 ms drive)

A package deal of Promise with 4 meg of 70ns ram and both Cavier's for $450!
The PROMISE card supports 4 ide drives. Great for a BBS or local server.

Vic Healey
Ki4je

2761. 8000-Loose BNC

Newsgroup: rec.radio.scanner
Date: 1995-03-05 15:06:46 UTC
From: dfleming@earth.execpc.com
Message-ID: <3jck26$n5g@homer.alpha.net>
Source record: 260761

Vic warned me about using a large antenna on the ar8000. Now my BNC connector is loose. I am scared to death to "pry" this thing open. Any advise about the "operation" from you scanner "MD's" would be appreciated. I can just see all those little parts falling on the floor when I open it up. You guessed it...I'm not anxious to do this but I'm not shipping the unit back to Javiation either.
The larger antenna's just exert too much leverage on the BNC and loosens it up somewhat. I don't think a 650 dollar scanner should come loose anywhere...but I still enjoy playing with the unit..
And my wife still has not a clue what I paid for the thing. I can't keep secrets very long so if you don't hear from me for a while it's because I decided to exonerate my consience and tell her. (I wonder how the unit will work from my room at the hospital?)......;)

2762. DTMF Tones?

Newsgroup: rec.radio.scanner
Date: 1995-03-05 15:21:50 UTC
From: VictorD@Shadow.net
Message-ID: <3jckue$fr@anshar.shadow.net>
Source record: 260762

DTMF Tones? What are these? Iv'e transferred a program from the news group and really don't even
know what a DTMF Tone is. Where are these "tones" usually found? What can I find when I decode it?
Who uses these tones, and just basic information about these "tones" would be interesting, now that I
have that program. Thanks alot in advance. Take care.
Victor DeVore

2763. Looking for Database Program...

Newsgroup: rec.radio.scanner
Date: 1995-03-05 15:24:27 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar5.112435.1@cad3.uccb.ns.ca>
Source record: 260763

Hi:
I'm looking for any kind of datadase program for radio freq's.
Please send direct to me or post here.
Thanks in advance...
Ron

2764. Stamford, CT Freqs & Call Codes Needed.

Newsgroup: rec.radio.scanner
Date: 1995-03-05 16:11:00 UTC
From: mcias@aol.com
Message-ID: <3jcnqk$hje@newsbf02.news.aol.com>
Source record: 260766

Looking for a list of Stamford Ct Police, Fire, Ect...
Also a list of Police/Fire Ten Codes
Thanks;
McIAS@AOL.COM

2765. Re: Cellular phone channels and frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-05 16:18:26 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <3jco8i$99k@usenet.INS.CWRU.Edu>
Source record: 260765

In a previous article, horak@convex.com (David Horak) says:

>Only one channel at once. If you mean two *cells* at once, you might try
>using your cell phone in an airplane and see what happens! :-) :-) :-)

Hmmm...What exactly is the result of using a cell phone in the air?
I've read somewhere that it is illegal (probably on this newsgroup).
Thanks..
--
Mike Wilson CFI-ASEL
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

2766. AOR-8000 Scanner For Sale

Newsgroup: rec.radio.scanner
Date: 1995-03-05 16:23:04 UTC
From: mikek@primenet.com
Message-ID: <mikek.5.0044A4FF@primenet.com>
Source record: 260769

I have a brand new (sort of, about 5 months old) AOR8000 fopr sale. Looks and is new. I just don't need two of these beauties. Purchased in the UK from Javiation. With all manuals, docs, and original box. I will sell to best offer. Want to get rid of it so I can buy a Lowe Europa!!!

2767. freq database

Newsgroup: rec.radio.scanner
Date: 1995-03-05 17:01:49 UTC
From: David Alessi <davepa@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950305115824.11064D-100000@moose.erie.net>
Source record: 260650

Ron,
The database called VhfLog is excellent for scan freqs, etc. even makes small format print outs for carrying around with the handhelds. It can be downloaded from Compuserve Ham Forum, I think, and it's zipped.
dave

2768. Mobile Scanning Antennas

Newsgroup: rec.radio.scanner
Date: 1995-03-05 17:44:03 UTC
From: pfink@interaccess.com
Message-ID: <3jct93$b71@nntp.interaccess.com>
Source record: 260649

Has anyone used a Diamond, Comet, or Anli amateur radio antenna for scanning? How did it work?

Perry, KB9VQ

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Perry Fink
fink@interaccess.com
72520.2226@compuserve.com

82 South Deere Park Drive
Highland Park, Illinois 60035
(708)432-2998

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

2769. Re: Now a no-no to monitor cordless phones

Newsgroup: rec.radio.scanner
Date: 1995-03-05 17:53:31 UTC
From: VPFS89A@prodigy.com
Message-ID: <3jctqr$tbc@usenetp1.news.prodigy.com>
Source record: 260651

Right on! If monitoring were outlawed, only outlaws would monitor. Then people would be even moe vulnerable because they would think that they new couldn't be monitored.

2770. Re: freq database

Newsgroup: rec.radio.scanner
Date: 1995-03-05 20:24:28 UTC
From: max@alcyone.darkside.com
Message-ID: <HVBi2c1w200w@alcyone.darkside.com>
Source record: 260584

David Alessi <davepa@moose.erie.net> writes:

> The database called VhfLog is excellent for scan freqs, etc. even makes
> small format print outs for carrying around with the handhelds. It can be
> downloaded from Compuserve Ham Forum, I think, and it's zipped.

Any idea if there is a version of this available from anonymous ftp?

Erik Max Francis, &tSftDotIotE ...!uuwest!alcyone!max max@alcyone.darkside.com
San Jose, CA ... GIGO, Hg, Omega, Universe, Psi ... ICBM: 37 20 N 121 53 W _
H.3`S,3,P,3$S,#$Q,C`Q,3,P,3$S,#$Q,3`Q,3,P,C$Q,#(Q.#`-"C`- ftmfbs kmmfa mc2 / \
Omnia quia sunt, lumina sunt. ("All things that are, are lights.") -><- _/
"We all may have come on different ships, but we're in the same boat now."

2771. How to hear cordless speech-inversion??

Newsgroup: rec.radio.scanner
Date: 1995-03-05 21:02:40 UTC
From: stevenh113@aol.com
Message-ID: <3jd8tg$lf1@newsbf02.news.aol.com>
Source record: 260656

> >Also, the phones using
> >the speech-inversion can be beat by utilizing" parts gleaned from a
baby
> >monitor with speech-inversion type scrambling."

Where is the documentation of this. Has anyone successfully built this
receiver? Please post.
Thanks, in advance.
Steve

2772. PRO43/RS Tech - HELP!

Newsgroup: rec.radio.scanner
Date: 1995-03-05 21:26:45 UTC
From: robbino@primenet.com
Message-ID: <robbino.14.00139756@primenet.com>
Source record: 260654

After recently purchasing a shiny slightly used PRO-43 for a mere sum of $115 (local pawn shop - "as is") and feeling rather smug I began to enjoy. All was well. I was feeling real cool. Frequencies were flourishing. I was pressing buttons till my fingers went numb. Me thinks this could be fun!

However, to my surprise my little gem suddenly failed. Aghh! The display suddenly stopped dead, then vanished. - $115. I'm no longer feeling smug.

I bought new batteries - still nothing.

My consolation is this - If I turn the unit on and press the "light" button I can see the light on the display (A $115 nightlight for my kids)? Still no digital readout of any sort.

When I initially turn this beauty on (after off 2-3 minutes) I hear a brief faint "click" (I would call it an electromagnetic sound) from the speaker - then nothing. If I turn it off and on rapidly with no wait, there is no "click."

My spirit is dashed. My scanner is dead. Any suggestions (be nice, guys)? Any ideas of what the problem could be (be nice again)?

Does anyone have a suggestion where I could bring my scanner for repairs? I live in Minneapolis, Minnesota.

If I bring it to the Tandy Service center (no mods) would they replace the circuitry that makes mods possible?

I would sincerely appreciate any Techno-Nerdo's help:*)

Desperate,

e-mail robbino@primenet.com

2773. Re: Are many cellular calls monitored?

Newsgroup: rec.radio.scanner
Date: 1995-03-05 23:46:14 UTC
From: lauramc@freenet3.scri.fsu.edu
Message-ID: <3jdig6$qas@freenet3.scri.fsu.edu>
Source record: 260659

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: Also, keep in mind that very few hobbiests have the equipment to track cell
: phone calls, so for the most part, only a short piece of the conversation is
: heard as the call moves from cell to cell (although some rural areas have very
: large cells).

I heard a "rumor" that with on older TV set that uses upper (60+) UVF?
channels, that with using the fine tuner, you could pick up cell phone
conversations. I tried it....IT WORKED. I no longer have that old
TV, but remember one conversation of one man telling his friend all
about the affair he was having on his wife...if he only knew that I
was hearing every word :>
--
!! Laura **!!**
#1 FSU fan

(lauramc@freenet.fsu.edu) Tallahassee, FL

2774. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-06 00:06:59 UTC
From: lalee@freenet.vancouver.bc.ca
Message-ID: <3jdjn3$b6j@freenet.vancouver.bc.ca>
Source record: 260657

Richard Williams (richlw@moose.erie.net) wrote:
: Received an interesting catalog the other day wherein a Uniden Bearcat
: was advetised. It is a 100 channel "Turboscan" that scans 100 channels
: per second. "Has data skip and memory backupthat retains frequencies for
: up to 3 days without batteries. Has rechargeable nicad battery pack, AC
: adapter." Unfortunately there is no model number listed. Anyone
: familiar with the above described scanner and/or has any advice about the
: quality of Bearcat handhelds please reply as I am looking for one.

From the things you listed it sounds like it is a Uniden Sportcat
Scanner. The model number is SC150Y/B (I'm in Canada so it might be
different for you).29MHz to 956MHz, 100 channel memory, Twin turbo scan
up to 100ch./sec. preprogrammed band search, uniqu data skip. That last
bit made me think it was the same model, but I could be wrong. They cost
about $470CDN, but at a recent sale you could have picked one up with
taxes for $280US. Not bad... I would suggest you get a copy of a spec
comparison or review... I luckily got one form a kind user with great
information to help my decision between a Bearcat and a Pro-43

--
+------------------------------+--+
Lawrence D. Lee	Transit won't be used by the masses
lalee@freenet.vancouver.bc.ca	until they offer more times and
Part-Time BCIT Student	coverage of the city.
Vancouver FreeNet Volunteer +--+
Vancouver, BC CANADA	#*# Oh Canada! Our home and native land
+------------------------------+--+

2775. Re: Idea for Pro 62 800 MHz Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-06 00:28:43 UTC
From: jpbrody@u.washington.edu
Message-ID: <3jdkvr$cvv@nntp2.u.washington.edu>
Source record: 260662

In article <3jbjlq$vu9@nntp2.u.washington.edu>,
I wrote:

>
>On the other hand, I think I can see a kluge around the problem. The
>Pro-62 has three different voltage controlled oscillators (VCO's) and it
>looks like it uses VCO2 to tune the 800-960 MHz band and VCO1 to tune the
>380-512 MHz band. So, the way the CPU blocks 825-850 Mhz is by returning
>an error and refusing to put out the correct voltage to VCO2. The kluge
>is to swap the signal from the CPU to VCO1 with VCO2. That way when the
>CPU thinks it is tuning 400 MHz it will really be tuning 826 MHz.
>
>Of course, you also need to swap the signals to the band pass filters, but
>that's no problem.
>

I hope no one tried this, because it doesn't work. I thought the CPU
was sending a voltage to the VCO's to set the local oscillator, but it
is just throwing a switch to enable them. It looks like the frequency
is somehow pulse encoded by the CPU and sent to a PLL chip which
synthesizes the proper frequency. So, it looks like no full 800 MHz
band without replacing the CPU.

--
Jim Brody jpbrody@u.washington.edu

2776. Touch Tones??????

Newsgroup: rec.radio.scanner
Date: 1995-03-06 00:33:18 UTC
From: Matt.Gudorf@bbs.dmapub.dma.org
Message-ID: <1995Mar05.193318.19916@dmapub.dma.org>
Source record: 260666

I often scan frequencies at which I hear people entering touch tones. What I am looking for is a device that can display the touch tones on like a led display board. Like one of those figure 8's that display all numbers well thats not a good description but if you know what I'm talking about you'll get it.

So bottom line could someone e-mail me the skematics of a touch tone decoder that auidibly takes in the tones from the scanners speaker and displays the number.

Diagram:

```
---------------------------
| 8 8 8- 8 8 8- 8 8 8 8 |
| * |
---------------------------
```

* could be a mic

Can anyone help me???????????

Please e-mail me!!!!!!!!!!!!!!!!!!!!!!!!!

Thanks,
Matt Gudorf

--
Matt Gudorf, user of the UniBoard System @ dmapub.dma.org
E-Mail: Matt.Gudorf@bbs.dmapub.dma.org
The Dayton Microcomputer Association Voice: (513) 222-4DMA (4362)
Public Unix Access System, Dayton, OH. Data: (513) 222-INET (4638) (USA)

2777. M1200 or M400 wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-06 00:37:25 UTC
From: lee@tosspot.sv.com
Message-ID: <3kNi2c1w165w@tosspot.sv.com>
Source record: 260675

Subject says it - anyone have one they're thinking of getting rid of?

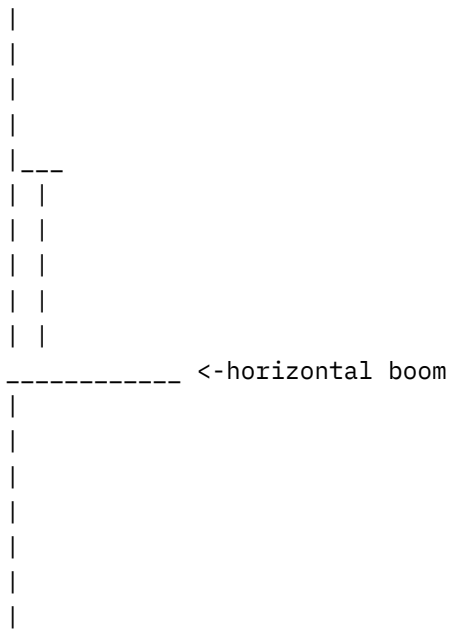
Please email lee@tosspot.sv.com

2778. Scanner antenna id help wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-06 00:38:19 UTC
From: lee@tosspot.sv.com
Message-ID: <kmNi2c2w165w@tosspot.sv.com>
Source record: 260674

Just out of curiousity, can anyone identify the maker and model of
a scanner antenna I see often, but have never seen in a catalog?

It looks like -



...seen from the side. Obviously a low gain vertically polarized antenna.
Looks a bit like the Bearcat BCR2200 (or something like that).

Anyone?

Please email lee@tosspot.sv.com

Lee

2779. Re: freq database

Newsgroup: rec.radio.scanner
Date: 1995-03-06 01:03:35 UTC
From: robertso@bev.net
Message-ID: <3jdn17$e1i@solaris.cc.vt.edu>
Source record: 260661

In article <Pine.LNX.3.91.950305115824.11064D-100000@moose.erie.net>, David Alessi
<davepa@moose.erie.net> says:
>
>Ron,
> The database called VhfLog is excellent for scan freqs, etc. even makes
>small format print outs for carrying around with the handhelds. It can be
>downloaded from Compuserve Ham Forum, I think, and it's zipped.
>

Do you know where we could find this @ a FTP site.

2780. converter

Newsgroup: rec.radio.scanner
Date: 1995-03-06 01:03:45 UTC
From: matt.edmondson@fatal.com
Message-ID: <9503060743002647@fatal.com>
Source record: 260702

In my Grove catalog by the 800-900 MHz scanner converter (which I own) is a militry airband which says it uses "bandstacking" to give you 200-400 MHz in the normal air band, how in the heck do you tune the thing?

Matt

2781. Decoding

Newsgroup: rec.radio.scanner
Date: 1995-03-06 01:26:08 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3jdobg$o63$1@adelaide.DIALix.oz.au>
Source record: 260759
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone help me with a small query?

Is there any way I can use my PC to decode some of the data tranmissions that I hear on my scanner. Such as ACARS or other similiar things?

I am able to plug my scanner into the MIC socket on my SOUNDBLASTER card and I can use software to listen/record the scanner tranmissions. So is it possible to use some other type of software in the same sort of way but to decode data.

Any ideas?

Many Thanks
matthew@adelaide.DIALix.oz.au

2782. FS:scanner/shortwave

Newsgroup: rec.radio.scanner
Date: 1995-03-06 01:28:16 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <3jdofg$fgc@usenet.INS.CWRU.Edu>
Source record: 260664

Hello.
For sale:
1.Realistic PRO-57 Scanner
2.Realistic DX-375 digital shortwave radio

1.Realistic PRO-57 scanner-full frequency display, backlit display
, base/mobile, 29-512mHz coverage, nice clean unit. Was $129.

2.Realistic DX-375 digital shortwave receiver-tunes 530-1710kHz,
2300-21850kHz, 87.9-108.0mHz stereo, excellent performance, 2 mon
ths old, in box with manual and packaging, sells at the Shack for
$100.

I would like to get $75 firm for each unit.

Please send email with your order.

Thank you.
--
Eric Matthews
eb795@cleveland.freenet.edu

2783. Re: Marine Radio Channels?

Newsgroup: rec.radio.scanner
Date: 1995-03-06 02:16:32 UTC
From: bartdoug@acusd.edu
Message-ID: <D4zyBL.zK@pwa.acusd.edu>
Source record: 260676

In <3j6u19$1m8u@tiger1.ocs.lsu.edu>, dbecker@tiger.lsu.edu (Daniel Farrell Becker) writes:
>What are the Marine Radio Channels? Or where should I look for them?
>
>How bout' the Marine Operator channels?

There are actually two marine bands. The most common is in the VHF band. There are also another group of frequencies in the low range (2 MHz and above off the top of my head) that are referred to as Single SideBand (SSB) frequencies since that is the transmission mode.

Any good scanner book should have these frequencies listed. In the Consolidated Frequency List in the back of Police Call you can find the VHF freq.s in the 150 MHz neighbourhood, with the marine operator in the 160's. The channels to listen to are:

16 Calling and distress
21a CG communications with other crafts
28(?) Marine operator (varies by area)

and whatever other channels are active in your area. The best thing to do is scan the entire band for a few weeks, then program the channels that are most interesting to you.

And no, I will not post the frequencies (although I have no objection to someone else doing so). One of the things that helped me learn about this sport is doing things myself...

Good Luck,

Doug

2784. Re: Scanner antenna id help wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-06 03:14:46 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5010M.4v0@ssbunews.ih.att.com>
Source record: 260760
Cross-posted to: rec.radio.scanner,alt.radio.scanner

That's the Winegard SM-2200 scanner antenna and I use one with
a 24-hour a day scanner/baby monitor repeater setup.
My SM-2200 was a $5 hamfest special in a sealed box.

It is an old design, advertised to cover VHF-low, VHF-high,
and UHF bands.

The SM-2200 is supplied with 65 ft of coax cable fitted with a
Motorola plug. A balun is included so the antenna is at DC ground,
posing less lightning hazard than a discone.

The last address I have for Winegard is:

Winegard Co.
3000 Kirkwood St.
Burlington, Iowa USA

In article <kmNi2c2w165w@tosspot.sv.com>,
Lee Reynolds <lee@tosspot.sv.com> wrote:

>Just out of curiousity, can anyone identify the maker and model of
>a scanner antenna I see often, but have never seen in a catalog?
>
>It looks like -
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> | |
> _____________ <-horizontal boom
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--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2785. Re: BC100XLT mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-06 07:13:41 UTC
From: jmdon@flood.xnet.com
Message-ID: <3jecn5$r5f@flood.xnet.com>
Source record: 260680
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Bill Vaughan (wgv@tiac.net) wrote:
: Hi!

: Are there any mods I can do to a BC100XLT handheld from Uniden to get the
: 800 Mhz freqs., or improvements for it.

: Thanks
: Bill Vaughan

I also have a Bearcat 100xlt and have been looking for Mods for mine as
well... This is a nice little scanner....

John

2786. pro-51

Newsgroup: rec.radio.scanner
Date: 1995-03-06 07:21:50 UTC
From: orkin@delphi.com
Message-ID: <Bcw7tfe.orkin@delphi.com>
Source record: 260681

I bought the pro-51 a few weeks back and just wanted o say i really like its performance,especially the speed.

2787. 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-06 07:41:46 UTC
From: orkin@delphi.com
Message-ID: <J+7YVXa.orkin@delphi.com>
Source record: 260682

It seems to me that the guys out there making the new scanners are having trouble keeping out the celluar band on the hanhelds,i think the next step is they may just not offer 800 mhz at all ,so that the cells cant be heard. but i dont think it goin to happen,i know i wouldnt buy a scanner for 200 plus dollars unless it offered the higher freqs.
Why dont the celluar companies just scramble so they dont have to worry about anyone haering them?

2788. Re: M1200 or M400 wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-06 08:07:21 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950306030605.12170C-100000@umbc8.umbc.edu>
Source record: 260684

On Sun, 5 Mar 1995, Lee Reynolds wrote:

> Subject says it - anyone have one they're thinking of getting rid of?
>
> Please email lee@tosspot.sv.com
>
>
I've got an M-1000 for sale if your interested. $210. with manual.
-G

2789. Re: Freqs for UTC Mall, La Jolla, CA

Newsgroup: rec.radio.scanner
Date: 1995-03-06 08:47:04 UTC
From: trgilroy@ix.netcom.com
Message-ID: <3jei68$7i7@ixnews2.ix.netcom.com>
Source record: 260686

In <80615@sdcc12.ucsd.edu> jdross@sdcc13.ucsd.edu (J.D. Ross) writes:

>
>
> Does anyone have the frequencies for the security patrol at
>the University Towne Centre (UTC) Mall in La Jolla, California?
>I've been searching several places to see if I can find them, and
>they don't seem to be listed. Any help is greatly appreciated as I
>live across the street from them and would like to know what is
>going on sometimes. :)
>
>J.D. Ross
>jdross@sdcc13.ucsd.edu
>
UTC Security is 464.875 MHz. Information from ScanFan's Southern
California Edition (L.A. to San Diego). Available at Walden's and
SuperCrown book stores for <$19.95. Excellent! Covers everything!

--

T. Russell Gilroy San Diego, CA
trgilroy@ix.netcom.com -or- VsnQuest@aol.com

2790. Re: San Diego/ America's Cup

Newsgroup: rec.radio.scanner
Date: 1995-03-06 08:56:14 UTC
From: trgilroy@ix.netcom.com
Message-ID: <3jeine$7l7@ixnews2.ix.netcom.com>
Source record: 260770

In <1995Mar4.132553@pacs.sunbelt.net> hdavis@pacs.sunbelt.net writes:

>
>
>
>Going to SD later in the month to watch AC action.
>
>I would appreciate pointers to files on the net or CIS:
>
> -Freqs used by competitors and race officials
>
> -Freqs for Harbor area/Coast Guard generally
>
> -Freqs for SD area
>
>Any help appreciated by this landlubber.
>
The freq's you want are all listed in the ScanFan book for southern Cal.
Available at Walden's or SuperCrown book stores. Both are in the Pt.
Loma area of San Diego, just down the street from the America's Cup. I
have them all programmed in my PRO-43, but there are quite a few and
you'd be better off buying the book. Too many to list here. It lists
for $18.95 and is a solid inch thick! Good Luck! Enjoy.

--

T. Russell Gilroy San Diego, CA
trgilroy@ix.netcom.com -or- VsnQuest@aol.com

2791. Pro-62 (8A4) & cellular

Newsgroup: rec.radio.scanner
Date: 1995-03-06 09:43:43 UTC
From: dmann@vnet.net
Message-ID: <3jelgf$75r@ralph.vnet.net>
Source record: 260772

OK, i've been lurking for awhile but still haven't seen a definitive mod to
a Pro-62, I've got one that was made in 8/94, can I get cellular on it or
what? Is it a key combo or do I need to lose a diode? Any help appreciated...

--
dmann@vnet.net "I don't believe in 'isms',
david.mann@launchpad.unc.edu I just believe in me" -- Ferris Bueller

2792. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-06 09:49:55 UTC
From: Richard Williams <richlw@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950306044727.3854B-100000@moose.erie.net>
Source record: 260774

On 6 Mar 1995, Lawrence Lee wrote:

> Richard Williams (richlw@moose.erie.net) wrote:
> : Received an interesting catalog the other day wherein a Uniden Bearcat
> : was advetised. It is a 100 channel "Turboscan" that scans 100 channels
> : per second. "Has data skip and memory backupthat retains frequencies for
> : up to 3 days without batteries. Has rechargeable nicad battery pack, AC
> : adapter." Unfortunately there is no model number listed. Anyone
> : familiar with the above described scanner and/or has any advice about the
> : quality of Bearcat handhelds please reply as I am looking for one.
>
> From the things you listed it sounds like it is a Uniden Sportcat
> Scanner. The model number is SC150Y/B (I'm in Canada so it might be
> different for you).29MHz to 956MHz, 100 channel memory, Twin turbo scan
> up to 100ch./sec. preprogrammed band search, uniqu data skip. That last
> bit made me think it was the same model, but I could be wrong. They cost
> about $470CDN, but at a recent sale you could have picked one up with
> taxes for $280US. Not bad... I would suggest you get a copy of a spec
> comparison or review... I luckily got one form a kind user with great
> information to help my decision between a Bearcat and a Pro-43
>
> --
> +------------------------------+--+
> | Lawrence D. Lee | Transit won't be used by the masses |
> | lalee@freenet.vancouver.bc.ca | until they offer more times and |
> | Part-Time BCIT Student | coverage of the city. |
> | Vancouver FreeNet Volunteer +--+
> | Vancouver, BC CANADA | #*# Oh Canada! Our home and native land |
> +------------------------------+--+
>
>
Hello Lawrence,
Yep, your description sounds like the one advertised. The price here in
the States is $200 according to the catalog I was reading. So what did
you buy? The Pro-43 or the Bearcat? BTW, this scanner (I forgot to
mention) is an 100-channel 11-band.
Regards,
Dick

2793. Alinco DJ-180E mods

Newsgroup: rec.radio.scanner
Date: 1995-03-06 11:04:59 UTC
From: calamniu@cc.lut.fi
Message-ID: <D50MsB.88D@lut.fi>
Source record: 260632

Where can I find mods for Alinco DJ-180E?

--

Jan Calamnius

EMAIL: calamniu@cc.lut.fi **********
MAIL: PL 174, 15101 LH **" When personal freedom's being abused, **
TEL: (953) 4529849 ** you have to move to limit it. " **
FREQ: any **********

2794. Re: Cellular phone channels and frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-06 11:05:35 UTC
From: mulligan@ACM.ORG
Message-ID: <3jeq9v$dan@hopper.acm.org>
Source record: 260625

el124@cleveland.Freenet.Edu (Mike Wilson) asked:
> Hmmm...What exactly is the result of using a cell phone in the air?

It's a violation of the FAA regs (FAR 91.21); of the FCC rules; of the airlines rules; and of your cellular carrier's contract. At the least you will have the flight crew tell you to power it off immediately. At worst: you will lose cellular service, be sued by your cellular provider, be sued by the provider you were flying over, be fined by the FAA, and be fined by the FCC (OK, these are unlikely but possible).

Cellular systems assume low power and short range, so the same frequencies can be used at multiple sites within a system. At cruising altitude you would be picked up at several different locations, interfering with a number of different conversations.

Cellular determines which site you are closest to by relative signal strength. At altitude the central computer would 'see' you all over town and get a little sick trying to transfer you from site to site. Since your cellular phone periodicly signals the system to confirm location, this happens even if you don't actually place a call.

The power output of your cellular phone is enough to cause problems with the aircraft's navigation systems (NASA's safety reporting magazine has reported a number of such incidents).

In short - DON'T DO IT !!
/* barry /&

2795. Re: renewal batteries

Newsgroup: rec.radio.scanner
Date: 1995-03-06 11:24:39 UTC
From: mulligan@ACM.ORG
Message-ID: <3jerdn$dce@hopper.acm.org>
Source record: 260630

brian.oakley@chrysalis.org said:
> ... a recent article in a magazine, ...the regular alkeline batteries ...
> actually lasted longer than the rechargable alkaline batteries that ran
> down and were recharged ...

I believe that's a reference to the study in the Dec '94 Consumer Reports.
The test was actually of the "Buddy-L" device used to recharge conventional
alkaline cells. It confirmed that the device was essentially useless.

The evaluation of Rayovac's "Renewal" batteries, while not supporting all
of the manufacturer's claims, was generally positive.
/* barry /&

2796. 2500 Cell Restoration

Newsgroup: rec.radio.scanner
Date: 1995-03-06 12:19:00 UTC
From: chris.fortner@softnet.com
Message-ID: <5.2999.895.0N5D3B1E@softnet.com>
Source record: 260491

For whoever was looking for it, here is a message I grabbed a few months back on restoring the 800MHz band of the Bearcat 2500XLT. I have done this mod on my 2500 with success, so enjoy!

Modifying the Uniden BearCat BC2500XLT

1993 Howard Bornstein and Russell Keating

This set of instructions describes the procedures to modify the BC2500XLT handheld scanner to pick up the deleted "business" range of frequencies. After performing this modification, the BC2500XLT will have continuous coverage from 760 to 1300 MHz. In addition, when searching in the "business" bands, the scanner will step in the appropriate 30 KHz steps.

You should have a low-wattage soldering iron with a fine tip, a small, slotted screwdriver, a maginfing glass, and a bright light. It also helps to have steady hands!

TAKING THE CASE APART
First, remove the antenna and battery pack. Remove the two black screws on the back of the scanner. These are on either side of the belt clip. Also remove the two silver screws at the bottom, "under" the battery pack. Put these parts in a safe place.

The case is held together by friction tabs. They are tight along the sides, right at the top of the battery compartment. Try using a small slotted screwdriver and slide it down the sides of the scanner in the groove. With a little (very little) force, you should able to snap open the case. Try not to damage the plastic.

Lay the scanner down on its face (on a soft surface) and carefully pull the back plastic cover off. The back cover comes off about 3/4 of an inch below the top of the scanner. The piece of plastic the molds over the top back of the scanner (the piece that has the speaker and headphone jacks stays on.)

REMOVING THE CIRCUIT BOARDS
You'll see three circuit boards stacked on top of each other. The top two are held together by silver brackets on either side of the boards. Take your slotted screwdriver and slide it under the edge of one of the silver side bracket at the

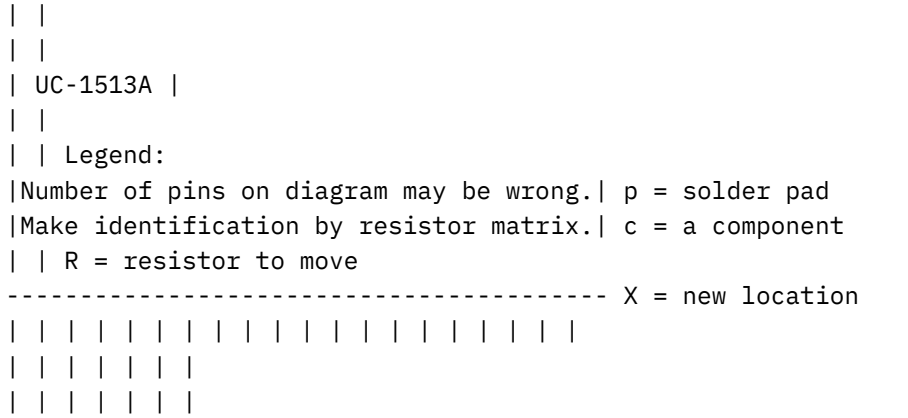
bottom. Then use the screwdriver to pry up gently. This will lift the double-board and lift the pins out of the black, 11-pin molex connector that is part of the bottom (third) board.

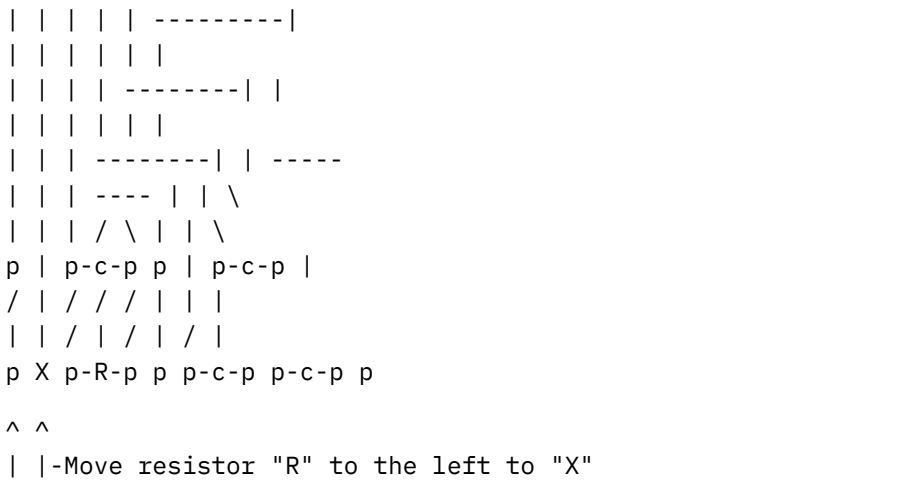
Lift the double-board circuit board "sandwhich" by the brackets and completely disconnet the molex connector. Now, the plastic part of the case on the top will separate from the front of the scanner. It may stick a little because there are friction tabs on either side of the volume/squelch knob. Apply a downward pressure to the top of the scanner (at the knobs) if it is sticking. Lift the entire sandwhich up. It is connected by a ribbon cable to the bottom board. Be careful not to stretch the ribbon connector as you lay the board along side the radio.

PERFORMING THE MOD
You now need to locate the microprocessor chip. It's the biggest IC chip on the bottom board. It is labeled "Uniden UC-1513A." With the scanner in a normal "antenna-to-the-top" orientation, you'll find a group of surface-mounted resistor chips below the microprocessor. These chips are TINY! About the size of a large grain of pepper. However, if you look at them with a magnifier, you'll see that they're labeled "104."

There are two rows of SM resistors. The top row has two chips and the botton row has three (see the diagram below).

To perform the actual modification, you need to unsolder the left-most chip in the bottom row (labeled "R" in the diagram). To unsolder the chip, place your small-tipped soldering iron against the left or right edge of the chip and apply a slight pressure. The combination of heat and pressure will unsolder the chip and slide it off it's pad. You will want to move it with your tweezers to the open pad to its immediate left (labeled "X" in the diagram) and solder it back in place. The hardest part will probably be placing the resisitor on the new pads and keeping it there while you resolder it.


UC-1513A
Legend:
Number of pins on diagram may be wrong.
Make identification by resistor matrix.
p = solder pad
c = a component
R = resistor to move
X = new location



```
| | | | | ---------|
| | | | | |
| | | | --------| |
| | | | | |
| | | --------| | -----
| | | ---- | | \
| | | / \ | | \
p | p-c-p p | p-c-p |
/ | / / / | | |
| | / | / | / |
p X p-R-p p p-c-p p-c-p p

^ ^
| |-Move resistor "R" to the left to "X"
```

REASSEMBLING AND TESTING
Next, reassemble the scanner. Start by placing the molex pins in the connector and then put the circuit boarrd unit back in place.

Close up the case.

You can test the mod by entering 869.000 MHz and then pressing the LMT key. Then enter 894.000 and press LMT again. Finally press the SRC key. The scanner should start searching, however, there is a good chance it will be searching in improper steps. To make it search in the correct 30 KHz steps, press the decimal key TWICE. This sets the increment to 30 KHz. However, nothing appears in the display for the step increment, since the BC2500XLT doesn't use this increment for any other range.

Note, however, that there is a birdie at 870.39 MHz. In addition, the BC2500XLT may lock up on other frequencies in the "business" range and lock up on the digital contral channels. To get a continuous search, you may have to constrain the range to be less than the full "business" base range.

Watching this thing search through "business" at 100 cps is awesome!

Good luck and have fun!

Thanks to Bob Grove for the first description of this mod and to Russell Keating for the ASCII diagram!

Howard Bornstein
71674.637@CompuServe.COM

~~~ PGPBLUE 3.0 <NR>

... CanaDOS: Yer sure, eh? (B)eauty! (N)o way! (T)ake off!
___ Blue Wave/QWK v2.12
~~~

2797. Pro-2006 vs. Pro-2035--Some advice please.

Newsgroup: rec.radio.scanner
Date: 1995-03-06 12:54:29 UTC
From: knig@aol.com
Message-ID: <3jf0m5$2vi@newsbf02.news.aol.com>
Source record: 260633

After making do with a handheld for a number of years, I'm finally going to make the move to a desk model.

My question is: Any thoughts or feelings on the Pro-2006 vs. the Pro-2035. I recently got the latest catalog from Grove and am torn between the 2. Any feelings on whether it's better to get the 2006 in it's cell restorable form or whether the Pro-2035 with the GRE converter would work just as well?

Many thanks for any and all input before I go and lay out the coin.

2798. Re: Pro-2006 vs. Pro-2035--Some advice please.

Newsgroup: rec.radio.scanner
Date: 1995-03-06 13:27:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D50tD0.IA0@ssbunews.ih.att.com>
Source record: 260689
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3jf0m5$2vi@newsbf02.news.aol.com>, KNig <knig@aol.com> wrote:
>My question is: Any thoughts or feelings on the Pro-2006 vs. the
>Pro-2035. I recently got the latest catalog from Grove and am torn
>between the 2. Any feelings on whether it's better to get the 2006 in
>it's cell restorable form or whether the Pro-2035 with the GRE converter
>would work just as well?
>
>Many thanks for any and all input before I go and lay out the coin.

Recommend you read the article in January 1995 Monitoring Times
comparing the PRO-2006 to the PRO-2035.

The PRO-2006 RF performance is better than the PRO-2035.

You didn't say if you wanted to connect the scanner to a computer.
If so, you may want to stay with the PRO-2006 and fit it with
an aftermarket interface.

In any event, I recommend the new Uniden/Bearcat BC9000XLT.
It's a "2035-killer."
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2799. Q: About device required for listening to inverted frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-06 13:32:41 UTC
From: convict@pipeline.com
Message-ID: <3jf2tp$905@pipe2.pipeline.com>
Source record: 260634

I've heard that there is a device that will allow a person to listen to frequencies that inverted. Of course I'm refering to the 900mhz cordless phones. I've seen peoples saying that they got said hardware device. My question is:

#1. If I have a scanner(AOR 2515) that recieves the inverted signals,

Just how does this device hook up to my scanner to clear the signal?
I know that every channel has a high and low (upper/lower) and remember how SSB works. Do these devices require me to open up my scanner and look for anything? Or does it hook up on through the Anttena's BNC connector?

If you've bought such a device or have held one and used it could you elabrate on the instructions.

You may respond in the group if you like or personally e-me.
Thanks....

David Blake

2800. Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-03-06 13:48:39 UTC
From: Pete Gifford <pgifford@admin.alleg.edu>
Message-ID: <Pine.ULT.3.91.950306084557.5726A-100000@admin.alleg.edu>
Source record: 260691

I am planning to build a small portable rack to hold both a scanner and a CB. I want to be able to easily move them from one car to the other, and secure them when not in use. I don't want to have two antennas and I can't forsee using both at the same time.

My question is, should I get a scanner antenna or a CB antenna? Will either give reasonable performance on both radios? I am most interested in scanning the 150/160 range.

Pete Gifford
Allegheny College Systems Manager
pgifford@admin.alleg.edu (814) 332-2755

2801. PRO-37 (anyone have one b

Newsgroup: rec.radio.scanner
Date: 1995-03-06 13:55:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <d18_9503061821@tor250.org>
Source record: 260508

```
LU>From: luke@primenet.com (Dale H. Spencer)
LU>Newsgroups: rec.radio.scanner
LU>Subject: PRO-37 (anyone have one beside's me?)
LU>Date: Sat, 4 Mar 1995 17:30:29 MST
LU>Organization: Primenet
LU>Lines: 5
LU>Message-Id: <luke.15.00167D0A@primenet.com>
LU>Nntp-Posting-Host: ip041.phx.primenet.com
LU>X-Newsreader: Trumpet for Windows [Version 1.0 Rev B final beta #4]

LU>If you have one, can you tell me if it's modifiable?

Does a bear poop in the Barely? just cut dioede #13 for cell freq
coverage, wrong steps though, but it works.
Dan

---
* SLMR 2.1 * ','','','', Footprints from the Past.
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.
```

2802. Scooper Jupiter

Newsgroup: rec.radio.scanner
Date: 1995-03-06 14:02:43 UTC
From: JWINTERS@hcc-lwd.idn.nl
Message-ID: <b39_9503071834@idn.nl>
Source record: 260603

Hoi All,

Sometime ago someone gave me one of the first computerscanner available in The Netherlands the Scooper Jupiter. To program this scanner you need a codebook because the frequenties have to be entered in a pattern of 0's and 1's (10 switches). The frequentierange is 76-87 MHz and 156.3-168.2 MHz.

What I'm looking for is this codebook and the user's manual. Is there anyone outhere who can help me to this books (or photocopies). If not mabye there's someone who knows the address of the Scoopermanifacturer.

Jan

Fido-address: 2:500/41.1896
Internet-address: 61:100/450.1896

2803. New Jersey Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-06 14:17:26 UTC
From: gt7102d@prism.gatech.edu
Message-ID: <3jf5hm$7nh@acmey.gatech.edu>
Source record: 260692

Can anyone give me some good frequencies (police/fire/state patrol) for
Central and Southern New Jersey? I will be visiting there on 24-26 March.

Thanks,

Rickey

--
Richard Wayne Clement (gt7102d@prism.gatech.edu)
37102 Ga. Tech Station, Atlanta, Ga. 30332
Amateur Radio: KD4UCB
CS

2804. Re: Mobile Scanning Antennas

Newsgroup: rec.radio.scanner
Date: 1995-03-06 15:21:10 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3jf996$2b7@mozo.cc.purdue.edu>
Source record: 260695

In article <3jct93$b71@nntp.interaccess.com>, <pfink@interaccess.com> wrote:
>Has anyone used a Diamond, Comet, or Anli amateur radio antenna for scanning? How did it work?
>

I use a Diamond RH77CA on my scanner as well as my dual-band HT. The
Diamond has an advantage below ~150 MHz, but little difference between
it and the stock antenna above that.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

2805. Re: renewal batteries

Newsgroup: rec.radio.scanner
Date: 1995-03-06 15:21:56 UTC
From: domonkos@access.digex.net
Message-ID: <6rnMliubGMM0079yn@access.digex.net>
Source record: 260693

In article <9503051156.0GS2Y02@chrysalis.org>,
brian.oakley@chrysalis.org wrote:
>
> as per edn magazine article on nicad and nickle metal hydride batteries, nicad
> batteries give about TWO/THIRDS the life of normal alkaline batteries, not one
> third as previously mentioned. Also, I cannot personally vouch for the
^^

A) 2/3 w/Hi-cap nicads, and NiMh, IMMEDIATELY after a complete full charge, they
lose approx. 3-5% per day, Nicads lose 1% per day.

B) I can and will, among others, I've been designing battery backup systems
for 12 years now and deal extensively with the major battery manufacturers
and engineering staff.

> operation of the rechargeable alkaline batteries, a recent article in a
> magazine, a review of these batteries, was done, and control groups were used.
> one set of regular alkaline batterise was used and one set of rechargable
> alkaline batteries was used in the same tape player. the expperiment found
> that when the regular alkeline batteries rand down and were taken out and let
> sit on a shelf for a given time, and then put back in the tape machine to be
> used again, that they actually lasted longer than the rechargable alkaline
> batteries that ran down and were recharged and reused again. I have not
> exerienced this first hand but basic chemistry class tends to make me side with
> the experiment done in the article. Just fyi.
^^

Basic chemistry of storage cells should have taught you other than what
was stated.

I have been looking at replacing an NiMh battery backup system with Renewal
type technology since our findings here on my project have shown Renewals
to be more 'robust' and dependable for shelf life of storage cells and
current capacity. What we have found is that the 3-5 hours charge time for
AA's is not accurate, but 8 - 12 hours more appropriate to return the cell
to full capacity.

Rechargeable Alkaline technology is not new, Rayovac licensed the process
from a Canadian company. With some minor improvements (increased current
capacity) I think they'll blow the conventional alkaline market away,
but the tradeoff for now is reduced capacity for safe recharging without
buildup of pressure.

Try them, they're pretty surprising and me and those involved on my staff
here won't use anything but rechargeable alkalines for presonal use hereon.

Andy Domonkos

Project Engineer/Allied Signal:Info-Sec Group

2806. Re: renewal batteries

Newsgroup: rec.radio.scanner
Date: 1995-03-06 15:22:32 UTC
From: domonkos@access.digex.net
Message-ID: <$GoMliubGMbR079yn@access.digex.net>
Source record: 260694

In article <3jerdn$dce@hopper.acm.org>,
>
> I believe that's a reference to the study in the Dec '94 Consumer Reports.
> The test was actually of the "Buddy-L" device used to recharge conventional
> alkaline cells. It confirmed that the device was essentially useless.
>
> The evaluation of Rayovac's "Renewal" batteries, while not supporting all
> of the manufacturer's claims, was generally positive.
> /* barry /&

Remington makes an AA recharger that seems to be more effective. It pulse
charges with a substantial amount of current and is very effective, but
I found that it doesn't do a good job of tapering off the current with
weak batteries (or batteries that have been charge a dozen times or so)
and they get quite hot. I haven't had any alkalines blow yet but this
charger is acutally very effective.

Andy

2807. Uniden/Bearcat vs. Radio Shack

Newsgroup: rec.radio.scanner
Date: 1995-03-06 15:29:53 UTC
From: "Frederick D. Lampman" <ufdl@sunyit.edu>
Message-ID: <Pine.ULT.3.91.950306102226.11319B-100000@pool.info.sunyit.edu>
Source record: 260701

I am currently facing a dilema. I might need to upgrade to a better 800MHz portable scanner (currently own a Realistic PRO-43). I need good reception on the VHF low bands even with the duck antennas which I do get on the Bearcats that I currntly have but cannot even come close to getting low band on the PRO-43 with the duck antenna. I am cuurently looking at the PRO-62, PRO-51 and the BC 220. Considering the fact that I need good low band reception with the duck antenna which should I get? I find that the sensitivity readings of .5 mv or lower are much better for low band reception (I don't know the specs on the 220's sensitivity but the PRO-51 and 62 are 1.0mv which is terrible). Please help and thanks in advance.

2808. Wanted: Icom R-1 or R-100

Newsgroup: rec.radio.scanner
Date: 1995-03-06 15:50:38 UTC
From: domonkos@access.digex.net
Message-ID: <NzoMliubGonT079yn@access.digex.net>
Source record: 260636

Looking for an Icom R-1 or R-100 in excellent condition. Thanks...

Andy N3LCW

2809. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-06 17:00:32 UTC
From: steven@sgb.oau.org
Message-ID: <D5138y.46H@sgb.oau.org>
Source record: 260523

Bill Sohl Budd Lake (billsohl@earth.planet.net) wrote:
: : Minnesota allows you to have scanners in your car if your a ham too.

: Actually, all of those states exempt hams from the applicable law(s).
: Only one of those states (Michigan I believe) specifies that to have
: the ham exemption you must be a technician class or higher (therefore
: a ham with a novice license is excluded from the exemption).

Not a problem - the present No-code license *is* the technician license (as I understand it) as it permits two meter voice which a novice never had. I think the two are technician and technician plus (meaning with code) and no more "novice class".

Steven
--
Steven G. Bradley | The Forest City Exchange | P.O. Box 915414
System Administrator | Forest City, Florida | Longwood, FL 32791-5414
| (407) 862-8088 (407) 788-8088 |
steven@sgb.oau.org | 14,400 bps/PEP 28,800 bps/HST | Tel: (407) 862-7226

2810. Re: Decoding

Newsgroup: rec.radio.scanner
Date: 1995-03-06 17:20:23 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3jfg8n$otj@umcc.umcc.umich.edu>
Source record: 260697
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3jdobg$o63$1@adelaide.DIALix.oz.au>,
Matthew Volkmer <matthew@adelaide.DIALix.oz.au> wrote:
>
>
>Can anyone help me with a small query?
>
>Is there any way I can use my PC to decode some of the data tranmissions
>that I hear on my scanner. Such as ACARS or other similiar things?
>
>I am able to plug my scanner into the MIC socket on my SOUNDBLASTER card
>and I can use software to listen/record the scanner tranmissions. So is
>it possible to use some other type of software in the same sort of way
>but to decode data.
>
>Any ideas?
>
>Many Thanks
>matthew@adelaide.DIALix.oz.au
>

The Universal M-400 and m-8000 will decode ACARS. The M-400 sells for
$400 and the 8000 for around $1300. Take a look through Monitoring Times
for a picture of the M-400 and a listing of the modes it decodes.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

2811. Plano, TX. Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-06 17:31:52 UTC
From: llorance@ix.netcom.com
Message-ID: <3jfgu8$q1f@ixnews4.ix.netcom.com>
Source record: 260699

Anyone that has the up-to-date freqs for the Plano, Texas police and fire departments will you please post these freqs. I understand these departments have gone 800 Mhz.

2812. Re: Q: About device required for listening to inverted frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-06 17:57:35 UTC
From: an149095@anon.penet.fi
Message-ID: <an149095.32.000CA55B@anon.penet.fi>
Source record: 260670

In article <3jf2tp$905@pipe2.pipeline.com> convict@pipeline.com (David Blake) writes:
>From: convict@pipeline.com (David Blake)
>Subject: Q: About device required for listening to inverted frequencies
>Date: 6 Mar 1995 08:32:41 -0500

>I've heard that there is a device that will allow a person to listen to
>frequencies that inverted. Of course I'm refering to the 900mhz cordless
>phones.
>#1. If I have a scanner(AOR 2515) that recieves the inverted signals,

>I know that every channel has a high and low (upper/lower) and remember how
>SSB works.
>David Blake

Do you mean inverted as in inversion scrambling? or conversion as in
converting a 900 mhz signal down to say uhf or vhf.

I assume since you mention SSB, you are referring to Audio Inversion
Scrambling.

If So, Basically you are on the right track.

Inversion scrambling simply runs the pre-modulator audio through a balanced
mixer stage (like SSB) with typically a 1500Hz audio carrier injection. And
like SSB this produces double sideband out. This is then sent to the modulator
stage of the transmitter. It winds up sounding very much like SSB over the
air.
The inverse of this is simply injecting a carrier at some stage in the
RCVR to produce a 1500Hz beat note with the DEMODULATED scrambled audio.
These converters usually are tunable (similar to a clarifier control in SSB)
to produce natural sounding audio.

The hard part with the cordless phones are that they may use a different
audio carrier than 1500hz. It may not even be a sine wave.

Good Hunting :)

2813. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-06 17:59:00 UTC
From: daniel.copeland@woodybbs.com
Message-ID: <93.4320.7592.0NFB9765@woodybbs.com>
Source record: 260600

Can someone post the mod again?
Thanks in advance,
Dan

--- The Listening Post
* Origin: The Listening Post BBS-KD4IEN, Hampton,Va. (1:271/263)

2814. One-sided cell conversations-why

Newsgroup: rec.radio.scanner
Date: 1995-03-06 18:02:10 UTC
From: Peter C Murphy <pm4060@selway.umt.edu>
Message-ID: <Pine.ULT.3.91.950306105703.14527E-100000@selway.umt.edu>
Source record: 260710

Why can only one voice of a cell call be picked up, but other times both sides are heard? This happens on 800mhz and also 1200mhz.

2815. Re: bearcat 9000-xlt mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-06 18:50:59 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3jflij$l5l$1@mhadf.production.compuserve.com>
Source record: 260643

You can get cellular loud and clear in the 360-385MHz range, NFM mode.

2816. Re: OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-06 18:55:55 UTC
From: tspeairs@intnet.net
Message-ID: <tspeairs-0603951355550001@192.0.2.1>
Source record: 260704
Cross-posted to: rec.radio.scanner,alt.radio.scanner,phl.scanner,clarknet.radio.frequency

In article <stonewal-0503950311230001@stonewal.clark.net>,
stonewal@clark.net (Stonewall Jackson) wrote:
>
> I've been looking for this thing as well. There's a program on the NASA
> SpaceLink site that puts up orbital tracks as a buncha numbers, but the
> thing I saw on NASA TV drew the ground track on a map of the Earth as
> well. Is this it?
>

Yep... that and MUCH more... give it a go!

Good luck

2817. Re: AOR 8000 and SW

Newsgroup: rec.radio.scanner
Date: 1995-03-06 19:00:16 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar6.190016.19316@news.csuohio.edu>
Source record: 260706

rdavison@accessone.com writes:
: Any reports on how the 8000 performs on short wave?
:

Not too bad actually, if you use a random length wire
running the length of an attic (about 60 feet), with a BNC
connector. The supplied antenna blows, but I did actually catch
WWV at 10MHz on the second floor of my house, with
the supplied rubber carrot, although the reception
was pretty static-filled.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2818. Want to Buy...Realistic FM Transciever

Newsgroup: rec.radio.scanner
Date: 1995-03-06 19:11:54 UTC
From: hightech@mv.mv.com
Message-ID: <D519Bu.FqF@mv.mv.com>
Source record: 260660
Cross-posted to: rec.radio.scanner,ne.forsale

Looking for Radio Shack FM Transciever

Frequencies Ch1 462.7125
Ch2 462.6375

Contact;

Ron Cooper
hightech@mv.mv.com

2819. BEL 645STiP radar detector

Newsgroup: rec.radio.scanner
Date: 1995-03-06 20:04:59 UTC
From: Kimberly.Sanborn@dartmouth.edu
Message-ID: <3jfptb$qic@dartvax.dartmouth.edu>
Source record: 260713

I've seen some talk about the BEL radar detector. I was going to purchase one, then, with the help of a handi-dandi chart in an electronic magazine, I came to the conclusion that I could purchase a Uniden with the same features and save almost $100. So, instead of buying 1 BEL, I bought 2 Unidens.

If you insist on buying BEL, I suggest you check out the ads in the back of electronic magazines. I purchased my UNIDENs out of NY after doing some major price shoppings. I think the cheapest BEL 645STiP I found was for $225.

My two cents worth.
-Kimberly

2820. 900 MHz fone questions

Newsgroup: rec.radio.scanner
Date: 1995-03-06 20:06:19 UTC
From: ZUSCHLAG@LMSC.LOCKHEED.COM
Message-ID: <17359AA3BS86.L694047@LMSC5.IS.LMSC.LOCKHEED.COM>
Source record: 260712

The local Radio Shack distributor sells 2 different models of 900 MHz cordless telephones. One says "Escort" on the bottom of the handset, is advertized in the catalog as "secure ... spread spectrum", and looks very much like the Escort phone with the same features advertised. The other is "just" a digital phone, single frequency (says the dealer) that still offers digital sound quality and increased range versus the 46/49 phones. Anyone used either of these? Your opinions? Recommendations?

Thanks.

Fred

2821. Re: 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-06 20:22:01 UTC
From: martin@dc.cis.okstate.edu
Message-ID: <3jfqt9$rfp@bubba.ucc.okstate.edu>
Source record: 260711

In article <robbino.10.00038967@primenet.com> robbino@primenet.com (Robbin A. Olson) writes:
>I notice that the 51-88 MHz frequencies are not available on my scanner.
>Could someone with some smarts tell me why

A previous poster mentioned filtering out that range to avoide spurious signal reception. That is true, but the biggest reason for not including that range is echonomics. In this part of the world, there isn't all that much to hear with the kind of narrow-band AM and FM detectors found in most scanners. The 52-54Mhz and 72-76Mhz ranges are the only ones in which one might find narrow-band FM signals and the lower-part of the 6-meter ham band is about the only part of 51-88Mhz where one might find a use for a narrow-band AM detector.

Don't get me wrong. There is a lot of neat stuff to be heard in that range, but designers of scanners who are trying to make a little money don't want to put much work in to that range of frequencies because it would be of limited value to most people.

I believe that in Europe and many other parts of the world, scanners often-times don't come with a 30-50Mhz band for the same reason. Instead, they come with a range of frequencies that includes the 60-80 or so megahertz range because that's where the action is, there.

Martin McCormick WB5AGZ Stillwater, OK
OSU Center for Computing and Information Services Data Communications Group

2822. Re: Cellular Monitoring

Newsgroup: rec.radio.scanner
Date: 1995-03-06 20:51:37 UTC
From: martin@dc.cis.okstate.edu
Message-ID: <3jfskp$tgv@bubba.ucc.okstate.edu>
Source record: 260714

Some telephone circuits have echo suppressors on them to silence the
side tone because it arrives a fraction of a second late. This is common
to circuits that use satellites as part of their path or which go
through some other long path.

For satellite circuits, this creates an echo of about 1/3 second.
Most humans are reduced to stammering when their own voice comes back to them
with that much delay. Shorter delays which one might find in a path of a few
hundred miles don't produce a reverb-like echo, but might just sound weird
to the person who is speaking. For that reason, telephone systems have
suppressed the side tone echo for years. Some of these suppressors are
digital and very sophisticated. Others are crude devices which mute the
return audio while the person is talking. If two people are talking at once
or there is a lot of background noise, this type of echo suppressor will
block out the person on the other end of the line or chop out portions of what
he or she is saying. Some circuits may have echo suppression on when it is
not needed as it would be better to have it all the time than not to have it
at all.

I am not a telephone engineer, and I don't even play one on TV,
but I have followed discussions of echo suppression on long-distance circuits
and those are the reasons given most often for suppressing the side tone.

Martin McCormick WB5AGZ Stillwater, OK
OSU Center for Computing and Information Services Data Communications Group

2823. Re: pro-51

Newsgroup: rec.radio.scanner
Date: 1995-03-06 20:57:39 UTC
From: Joe Balenzano <jpb@dart.thomsoft.com>
Message-ID: <D51E84.IsC@thomsoft.com>
Source record: 260663

orkin@delphi.com wrote:
>
> I bought the pro-51 a few weeks back and just wanted o say i really like
> its performance,especially the speed.

I own a Pro-51 also. My only complaint about it, since it does
not use triple conversion, it gets a lot of images. The nice
thing about the images, is that one can hear a good deal of the
celluar frequencies on 894-915Mhz if someone (not me...) wishes to
do so.

2824. RE: PRO43 BATT DRAIN?

Newsgroup: rec.radio.scanner
Date: 1995-03-06 21:02:31 UTC
From: wa1omm@aol.com
Message-ID: <3jft97$7k7@newsbf02.news.aol.com>
Source record: 260647

Yep ... dead as a doornail after a week of being turned off, even with a fresh set of recharged NiCds. There must be some circuit in there that drains the batteries.

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

2825. Re: Touch Tones??????

Newsgroup: rec.radio.scanner
Date: 1995-03-06 21:02:31 UTC
From: daryll1@aol.com
Message-ID: <3jft97$7k9@newsbf02.news.aol.com>
Source record: 260648

Matt... Motron has such a unit, and it just went on sale.. Its their TDD-8X DTMF Decoder, was $99, now $59. It even includes a software package called Tonelog, that is very nice (I've had one of these for about 2 years now). If you get Monitoring Times, their ad is on page 111 of the March issue. If not, their order line is 800-338-9058, info line is 503-687-2118. .....Daryll

2826. Measures-Countermeasures

Newsgroup: rec.radio.scanner
Date: 1995-03-06 21:35:45 UTC
From: martin@dc.cis.okstate.edu
Message-ID: <3jfv7h$jb7@bubba.ucc.okstate.edu>
Source record: 260652

I am one of the people who thinks that the communications act of 1934 made good sense. I am also one of those people whose behavior hasn't changed one bit just because a bunch of lobbiest paid a bunch of lawyers to spread ink on paper and burden our legal system with more proscriptions even though we can't keep up with the real crimes that actually do harm our way of life.

It seems that all the ECPA did was to raise the price of pre-lobotomised scanners and create a knowledge base for those who want to restore banned coverage segments. I wonder how it ultimately will effect sales of scanners when there is no longer any easy way to restore full coverage? After all, part of the excitement of scanning has always been being able to hear anything that is out there.

Martin McCormick WB5AGZ Stillwater, OK
OSU Center for Computing and Information Services Data Communications Group

2827. Re: OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-06 21:47:09 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-0603951647090001@nano.nist.gov>
Source record: 260653
Cross-posted to: rec.radio.scanner,alt.radio.scanner,phl.scanner,clarknet.radio.frequency

In article <tspeairs-0603951355550001@192.0.2.1>, tspeairs@intnet.net (Tom Speairs) wrote:

> In article <stonewal-0503950311230001@stonewal.clark.net>,
> stonewal@clark.net (Stonewall Jackson) wrote:
> >
> > I've been looking for this thing as well. There's a program on the NASA
> > SpaceLink site that puts up orbital tracks as a buncha numbers, but the
> > thing I saw on NASA TV drew the ground track on a map of the Earth as
> > well. Is this it?
> >
>
> Yep... that and MUCH more... give it a go!
>
> Good luck

Check out sumex at Stanford for the Mac version. It's in the recent folder

Tim Foecke, NIST

2828. Re: DC-2120 Tapes

Newsgroup: rec.radio.scanner
Date: 1995-03-06 22:04:49 UTC
From: martin@dc.cis.okstate.edu
Message-ID: <3jg0u1$u7i@bubba.ucc.okstate.edu>
Source record: 260655

In article <437_9503022006@tnlhub.esnet.com> bill.turner@tnlhub.esnet.com (Bill Turner) writes:
>I have for sale brand new,

What in the #%^&^%$$$$^%^ does this have to do with scanning?

Martin McCormick WB5AGZ Stillwater, OK
OSU Center for Computing and Information Services Data Communications Group

2829. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-06 22:08:27 UTC
From: Jeff_Porter@mmacmail.jccbi.gov
Message-ID: <3jg199$e3k@romulus.ucs.uoknor.edu>
Source record: 260665

arnold@mill2.millcomm.com (AWT) wrote:
>In article <3htgv5$joj@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) says:
>>
>>
>>In a previous article, folson@prairienet.org (Fran Olson) says:
>>
>>>
>>>
>>> No Mobile Scanners allowed in these following states IPB (WB9ULS)
>>> ==
>>>
>>> 1. DIST. OF COLUMBIA <--this one was undecided when printed..
>>> 2. FLORIDA
>>> 3. INDIANA
>>> 4. KENTUCKY
>>> 5. MICHIGAN
>>> 6. MINNESOTA
>>> 7. NEBRASKA
>>> 8. NEW YORK
>>> 9. OKLAHOMA
>>> 10. VERMONT
>>> 11. WEST VIRGINIA
>>>
>>
>>Fran, your post mistakenly implies that these states outlaw mobile
>>scanners for everyone. I know that Indiana, for example, allows hams to
>>have scanners in their vehicles. If you are going to post such a list,
>>you should give the exceptions too.
>>--
>
>Minnesota allows you to have scanners in your car if your a ham too

I'm from Oklahoma and my roommate just bought the Pro-62, he asked me if I knew
if it was illegal to have a scanner in your car. I called a Oklahoma City Police Dept.
buddy of mine and he said something like it's not illegal unless you are in the process
of committing a crime. I'm not sure if this is true or not. Can anybody else
confirm this? I mean how do you pick up all the great Taco Bell and McDonald freqs.
if your not in your car. :)

Jeff Porter IMF, CD
Jeff_Porter@mmacmail.jccbi.gov

Jeff Porter IMF, CD*
AITS Team
AMA-140 Office Automation

FAA Academy
MMAC
DOT
OKC
OKLA
USA
PE (Planet Earth)
SS (Solar System)
MW

*This closing brought to you by the ARU (Acronyms 'R Us)

2830. Recording receptions

Newsgroup: rec.radio.scanner
Date: 1995-03-06 22:32:38 UTC
From: an132339@anon.penet.fi
Message-ID: <223408Z06031995@anon.penet.fi>
Source record: 260658

How can I connect my scanner to a tape recorder w/o overloading the
recorder's input circuit? Is there a circuit that I could make to"cut down"
the power coming out of the earphone jack? Thanks.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2831. Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:25:38 UTC
From: Richard Williams <richlw@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950306182423.8244C-100000@moose.erie.net>
Source record: 260671

As a follow up to my prior message I found out that the scanner I was looking at is a BC120XLT. Any comments good or bad?
Dick

2832. AR8000 number worn of in 1 month!

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:33:55 UTC
From: rsharp@paul.spu.edu
Message-ID: <3jg653$6c3@adam.spu.edu>
Source record: 260669

I've only had my AR8000 for about one month, and already the scan and enter buttons pain has worn off (the lettering)!

Suggestions?

2833. Re: Q: About device required for listening to inverted frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:37:19 UTC
From: Tom Howley <76261.3434@CompuServe.COM>
Message-ID: <3jg6bf$q42$1@mhadg.production.compuserve.com>
Source record: 260667

I built one years ago from an article in Radio Electronics magazine. I have also seen them at ham swaps. It basically plugs into the speaker jack. The signal is converted and played through speaker that is built into the conversion unit. When you switch the power to the unit off, the regular audio passes right through to the speaker in the unit.

Tom

2834. Re: Now a no-no to monitor cordless phones

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:37:32 UTC
From: delaney@j51.com
Message-ID: <3jg6bs$42e@tzlink.j51.com>
Source record: 260679

AVelordi (avelordi@aol.com) wrote:
: I still go by the Communications Act of 1934 which says I can receive any
: transmission on any frequency. Much of this sort of thing came up in the
: late 70's, relating to radar detector laws. 'Course, there have been a
: few changes since then....but I still say, if you don't want the signal
: monitored...scramble or encrypt it!
What, and make us crack the encryption? :)

--
M.R.Delaney N2MDB delaney@j51.com http://www.j51.com/~delaney
---
Do not write below this line--Reserved for office use only. $500 penalty.

2835. PRO-43 freq. step mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:45:52 UTC
From: dave.des@metronet.com
Message-ID: <D51M0H.3oF@metronet.com>
Source record: 260677

Is there a mod, or possibly a "test mode" that would allow non-standard frequency step sizes on the PRO-43?

TNX!
Dave

P.S. I'd also be interested in UHF TV audio as well, even though it's probably knocked down quite a bit by filtering.

2836. Looking for scanner good for railroad freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:49:22 UTC
From: bkvp@ken.iii.net
Message-ID: <3jg72m$8j0@nic.iii.net>
Source record: 260668

I'm in search of a scanner that is especially sensitive to picking
up the 160-162MHz bandwidth, which is used by most railroad companies.
Any suggestions would be appreciated. I currently own a Uniden/Bearcat
100 XLT. If anyone knows if this scanner can be tuned, and how, please let
me know.

2837. NEW UK Scanner Newsgroup

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:52:06 UTC
From: paul@termcon.demon.co.uk
Message-ID: <814807570wnr@termcon.demon.co.uk>
Source record: 260672
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Attention all you scanner users in the U.K.

Check out the newsgroup alt.radio.scanner.uk

this is a new newsgroup, 1 week old and very active
with items specifically for the U.K.

All the best & good scanning

Paul
--
paul@termcon.demon.co.uk PGP2.6 Key Available

2838. FD Freqs. Wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-06 23:56:37 UTC
From: Jeff Kriss <jeffkriss@maloca.com>
Message-ID: <3jg7fl$5v4@gate.maloca.com>
Source record: 260585
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,

I'm currently working on a North American guide to Fire Fepartment frequencies.

I'm looking for any and all Fire Dept. Freqs.

The info I need for each is as follows:

1) FD Name
2) City/Town
3) State/Province
4) Freqs.
4a) CTCSS if used and/or known
4b) Type of traffic, ie. Dispatch, Operations, EMS, etc.

I'm planning to hopefilly put this list on a www page in the near future
and am hoping I can collect as many freqs as possible.

Also I would be interested in overseas FD freqs. if you know them.

Please e-mail me directly as I don't want to take up everybody's valuable
bandwidth on this project.

I can be reached at jeffkriss@maloca.com

Thanx in advance,

Jeff
jeffkriss@maloca.com

2839. RIDE TO KULPSVILLE WANTED

Newsgroup: rec.radio.scanner
Date: 1995-03-07 00:01:46 UTC
From: h2osport@intac.com
Message-ID: <3jg7pa$rkt@uucp.intac.com>
Source record: 260678

HI ALL!
ARE YOU GOING TO ATTEND THE SWL WINTERFEST '95? AS MOST OF YOU KNOW THE
FEST WILL BE HELD AT THE HOLIDAY INN IN KULPSVILLE, PA. WHAT I'M LOOKING
FOR IS A RIDE FROM THE BERGEN COUNTY AREA OF NEW JERSEY! I'M A VISUALLY
IMPAIRED PERSON A (VIP) WHO WISHES TO ATTEND! I AM WILLING TO PAY FOR THE
FUEL ONE WAY! ATTACHED IS THE INFO ON THE FEST! i WOULD APPRECIATE A QUICK
RESPONCE ON THIS, AS THE FEST IS ON THE 16TH OF THIS MONTH!!!!! PLEASE
EMAIL H2OSPORT@INTAC.COM
THANK YOU
JOHN J. ABBAMONT
KA2HOI

2840. AR8000 FOR SALE...

Newsgroup: rec.radio.scanner
Date: 1995-03-07 00:09:14 UTC
From: victors@world.std.com
Message-ID: <D51n3E.9s1@world.std.com>
Source record: 260673

I received an AR8000 as a late Christmas present. It was neat playing
with it but now it's just sitting in the box. I really don't have time
to scan. It is a waste to just leave it sitting there, I know it
is a very expensive scanner.

It is about two months old and is in mint condition. No scratches anywhere.
It is the totally unblocked model. Make me an offer. If I receive an
offer to my liking I will sell it.

By the way it is serial No. 014547

Thanks
Vic

2841. Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-07 01:08:02 UTC
From: chestergeo@aol.com
Message-ID: <3jgbli$b6v@newsbf02.news.aol.com>
Source record: 260717

I'm hoping to bring my scanner with me on an upcoming trip to Los Angeles. Has anyone had any trouble getting a scanner through the security checkpoint that I should be aware of? Will the nice folks at the x-ray machine have their eyebrows raised, or will they let me go on my way?

(Note that I do not intend to use my scanner on the airplane and also do not intend to revive the "is it really OK to use my scanner on an airplane or will it truly crash like Delta says" debate).

(Further note that LA frequencies/tips will be accepted).

Chet

2842. Re: AR8000 number worn of in 1 month!

Newsgroup: rec.radio.scanner
Date: 1995-03-07 01:25:43 UTC
From: schuster@panix.com
Message-ID: <3jgcmn$kcm@panix3.panix.com>
Source record: 260718

In article <3jg653$6c3@adam.spu.edu>, Ron <rsharp@paul.spu.edu> wrote:
>I've only had my AR8000 for about one month, and already the scan and
>enter buttons pain has worn off (the lettering)!
>
>Suggestions?

Buy the case with vinyl front.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2843. Re: Pro-2006 vs. Pro-2035--Some advice please.

Newsgroup: rec.radio.scanner
Date: 1995-03-07 01:26:16 UTC
From: hbgeg066@huey.csun.edu
Message-ID: <3jgcno$kgk@dewey.csun.edu>
Source record: 260576
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Bob Parnass, AJ9S (parnass@radioman.ih.att.com) wrote:
> In article <3jf0m5$2vi@newsbf02.news.aol.com>, KNig <knig@aol.com> wrote:
>
> Recommend you read the article in January 1995 Monitoring Times
> comparing the PRO-2006 to the PRO-2035.

> The PRO-2006 RF performance is better than the PRO-2035.
>
> You didn't say if you wanted to connect the scanner to a computer.
> If so, you may want to stay with the PRO-2006 and fit it with
> an aftermarket interface.

I heard that Optronics has a 2035 computer interface in the works.
I got a 2006 myself. Works fine, and the 2006 is supposed to be
better immune to RF interference, some images, and the like,
than the 2035. The only disadvantages are a 400 channel memory,
vs a 1000 channel memory, although each has 10 banks. Ten
one-hundred channel banks, I think, are as much use as ten forty
channel banks, anyway. Also, the 2035 scans at 50 cps, as opposed
to 26 cps (without the computer interface) on a 2006. Other than
that, my 2006 more than suits my purposes.

2844. Re: CT. State Police Help

Newsgroup: rec.radio.scanner
Date: 1995-03-07 01:32:49 UTC
From: bberg99828@aol.com
Message-ID: <3jgd41$bm4@newsbf02.news.aol.com>
Source record: 260719

There is a book published called the OFFICIAL CT SCANNER GUIDE.
it sells for 19.95 GET THIS BOOK!!!! IT may be hard to find don't know
where you live but there is a radio shack in newtown that carries it and
also a little CB repair shop called Herb's electronics in monroe they
also carry it this book has every CT freq that I have every wanted its
390 pages 8 1/2 X 11"
Bob B
Shelton CT
bberg99828@aol.com

2845. NASA Frequencies in NYC

Newsgroup: rec.radio.scanner
Date: 1995-03-07 01:45:58 UTC
From: psuazo@ix.netcom.com
Message-ID: <3jgdsm$5dp@ixnews1.ix.netcom.com>
Source record: 260720

Does anyone know of any frequencies to listen to NASA Space Shuttle talk in the New York City area? Thanks in advance.

-Peter Suazo

2846. Re: Recording receptions

Newsgroup: rec.radio.scanner
Date: 1995-03-07 02:00:12 UTC
From: kerhop@eskimo.com
Message-ID: <D51s8D.60p@eskimo.com>
Source record: 260722

Greg_M (an132339@anon.penet.fi) wrote:

: How can I connect my scanner to a tape recorder w/o overloading the
: recorder's input circuit? Is there a circuit that I could make to"cut down"
: the power coming out of the earphone jack? Thanks.

perhaps turning the volume knob counterclockwise? ;)

--
---*---
| |
| Programmers, try http://www.eskimo.com/~kerhop/progcomp.html |
| |
---*---

2847. BC3000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-07 02:04:23 UTC
From: "Matt Cage Hester, kd6kzq" <jmh1045@ucs.usl.edu>
Message-ID: <3jgev7$8j6@rouge.usl.edu>
Source record: 260588
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Could I get some info from some BC 3000XLT owners?

How do you like it? What is the price range? Was it a good buy?

I'm mainly looking at it because it has Wide and Narrow FM, as I
listen to a lot of STL's and need the wide.

Any other suggestions in the same appr. $ range would be appreciated.

I presently have a PRO-2006 base, and a PRO-62 handheld. The 62 had
no mode selection. With the exception of no FM band and the mode
selection, it is a fine little scanner with the triple conversion
feature.

Thanks in advance

Matt,

2848. 800 mhz video ??????

Newsgroup: rec.radio.scanner
Date: 1995-03-07 03:22:54 UTC
From: BIGBOY <orkin@delphi.com>
Message-ID: <5A1ZNdW.orkin@delphi.com>
Source record: 260578

Does anyone know if there is any video on the 800-900 mhz,like for news channels or amateur video?

2849. Mac Scanner Software

Newsgroup: rec.radio.scanner
Date: 1995-03-07 03:37:54 UTC
From: jeschreck@aol.com
Message-ID: <3jgkei$e4g@newsbf02.news.aol.com>
Source record: 260582

Do they make any software and cables for connecting a Macintosh to a scanner.

2850. bc 150 mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-07 03:51:46 UTC
From: yukon@wwa.com
Message-ID: <3jgl8i$lkn@zacks.zacks.com>
Source record: 260587

Hello all!
I know this has been asked before..but...does anyone know of where I
can get some mods for the bc sc150?
Thanks,
Nick N9YKC

--

2851. Any Radio Shack Pro41 Mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-07 04:18:32 UTC
From: Lakeman <Lakeman@eskimo.com>
Message-ID: <D51yMx.J05@eskimo.com>
Source record: 260590

Are there any mods to open up the aeronautical band in the RS pro41?
Does anyone have a simple circuit for converting 800MHZ freqs. to the
400MHZ range?

Thanks in advance,
Lakeman
Edmonds, WA

2852. TNC FOR TRADE WITH SCANNER!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-07 05:43:02 UTC
From: gpabon@aol.com
Message-ID: <3jgrp6$g7b@newsbf02.news.aol.com>
Source record: 260683

For sale or trade: MFJ-1270B TNC2, best offer or will trade for a scanner. Would like a portable scanner, but if you have a base type let me know anyway. Thanks for reading.

The MFJ-1270B is in like new condition and was wired to my Icom IC-229H at home. I have all that came with it, including boxes, manuals etc. It didn't come with software, but worked perfectly with any communications program I used. It's suppose to work with HF, but I never tried it. I just don't use it anymore and it's just collecting dust. So take it from me with your best offer or trade. I will also consider a OCR scanner....

George

Would like a Pro43 if possible for trade...
Please e-mail to gpabon@aol.com

2853. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-07 07:32:40 UTC
From: gregh@hprnd.rose.hp.com
Message-ID: <3jh26o$ruu@hpchase.rose.hp.com>
Source record: 260589

Joshua Taylor Burley (eauu678@aldebaran.oac.uci.edu) wrote:

: >The test codes still work. But the 7A4's will have on channel 23 888mhz
: >programmed in. This you normally can't get on the Pro-51.

: I did that test, and on channel 23, I get 888.960 mhz... I've got 12a3 stamped
: on the back too, and I can scan through the 800mhz band that's not covered
: in the back between 868-896 mhz... what
: 's up with that?

: - Randy Reyes

Its a test mode for aligning the radio. All data code unit 7A4 or old
will behave this way.

Whats up is that you can now listen to cell phones! :)

--

Greg Holdren
gregh@hprnd.rose.hp.com

2854. Re: Shuttle audio in Seattle?

Newsgroup: rec.radio.scanner
Date: 1995-03-07 07:46:30 UTC
From: ncarrigan@aol.com
Message-ID: <3jh30m$hm6@newsbf02.news.aol.com>
Source record: 260596

Sorry, but I don't think they are... I've been trying to find 'em for the last year or so, but I there isn't much out there...

I know for a fact there isn't a repeater that rebroadcasts them, but as for shortwave, I still can't receive any... so I don't know.

Nick

2855. pro-51 (11a3) FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-07 08:44:31 UTC
From: DAN <danobr@delphi.com>
Message-ID: <xWzatNX.danobr@delphi.com>
Source record: 260687

FOR SALE:::::realistic pro-51 handheld scanner...200 channels, 10 banks service search, 29 to 956 mhz (excluding mil-air and cellular) like new w/box and instructions,antenna,ni-cads prodcode is 11a3 asking $200.00 or best offer if interested email danobr@delphi.com

2856. Erie PA Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-07 08:48:11 UTC
From: Bruce.Ross@odxabbs.tor250.org
Message-ID: <8cc_9503071355@tor250.org>
Source record: 260540

Could someone please supply me with FIRE, POLICE & EMS frequencies for
Erie PA? Thanks in advance.
--
| Fidonet : Bruce Ross 1:250/930
| Internet: Bruce.Ross@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.

2857. Re: Idea for Pro 62 800 MHz Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-07 09:45:21 UTC
From: none@nowhere
Message-ID: <none-0703950145210001@fig-ppp.caltech.edu>
Source record: 260688

[Following up on Jim Brody's two posts (see end if you need a rehash).]

I posted an pair of ideas like yours about three weeks ago (i might be able to find a copy, but dont have much time right now) and feel that it 'should' have worked for you. Anyway, I know little about the pro-62, but can point out what i noticed on the bc-200/bc-100/pro-35.

(Note, however, there are much easier ways to do a cell on a 200 ... these were intended to hopefully expand other bands (a little)).

On these models, there are the signal lines for each 'section' (UHF/AIR/VHFHI/VHFLO ...), plus a clocked input to the PLL (a NPC PLL2002A1 -- BTW: does anyone know which company makes this chip????). The PLL output feeds *in parallel* to the four different tuning segments. Some of these segments then use multipliers to get things to the right range. So, switching the 'UHF' and '800' enabling lines 'should' work.

Two things to watch out for: make sure the signals are of the same 'sign'. On the BC-200, as coming off of the chip (ie, before the inverters Q203/204) 800 and UHF are negated w.r.t. AIR, VHI and VLO. Secondly, make sure the bands are compatable; ie: it might not be wise to switch VHI with 800 (or your equivalent) since VHI may be encoded (in memory/cpu) as AIR+VHI, and so you would get 'AM' mode for part of 800 band. (on the 200, AIR and VHI are almost the same -- they go though a diode pair to form a single signal into the 'AIR/VHI' tuning segment.)

Other thoughts:
On the 200 the AIR/VHI/VLO all use the 'AGC' circuit (pin 1 of IC3 = LA1186N), yet neither UHF nor 800 do ==> probably only be wise to switch UHF & 800.

On the 200, UHF & 800 both enable the 'Window Unit' (IC301). I havent figured out this unit yet. However, if you have something similar, then it adds additional reasons to only switch UHF and 800.

If you do not have it, get the PRO-62 service manual from RS. Typically these run < $10 and are quite good. The block diagram and such may be quite valuable, but there's a section that might give you ideas that isn't obvious: the alignment/adjustment section

The PLL subsection really has two outputs to the tuning segments, one off of the 'VCO buffer' (Q701) and one off of the 'DC Buffer Amp' (IC702) which is refered to as the 'Tune Line'. If you look at the VCO accuracy figures (for the Tune Line), typically +/- .5V over a 1- ~13V range) it seems extremely hard to believe that voltage accurately controls tuning, at lest on this line

If all else fails, here was the other idea i posted: it seems that most
of the scanner micros check for freq.s upon _entry_. If you could write
the right values to the RAM/EEPROM then it *probably* will not check them,
and go blindly using them (just like test mode freq.s).

I'm not a EE, so take everything with that in mind, but hope these helps...

- mike (mike_newton@starbase1.caltech.edu / newton@druggist.gg.caltech.edu)

jpbrody@u.washington.edu (Jim Brody) wrote:
> >On the other hand, I think I can see a kluge around the problem. The
> >Pro-62 has three different voltage controlled oscillators (VCO's) and it
> >looks like it uses VCO2 to tune the 800-960 MHz band and VCO1 to tune the
> >380-512 MHz band. So, the way the CPU blocks 825-850 Mhz is by returning
> >an error and refusing to put out the correct voltage to VCO2. The kluge
> >is to swap the signal from the CPU to VCO1 with VCO2. That way when the
> >CPU thinks it is tuning 400 MHz it will really be tuning 826 MHz.
> >
> >Of course, you also need to swap the signals to the band pass filters, but
> >that's no problem.
> >
>
>
> I hope no one tried this, because it doesn't work. I thought the CPU
> was sending a voltage to the VCO's to set the local oscillator, but it
> is just throwing a switch to enable them. It looks like the frequency
> is somehow pulse encoded by the CPU and sent to a PLL chip which
> synthesizes the proper frequency. So, it looks like no full 800 MHz
> band without replacing the CPU.
>
> --
> Jim Brody jpbrody@u.washington.edu

2858. Re: Marine Radio Channels?

Newsgroup: rec.radio.scanner
Date: 1995-03-07 11:59:42 UTC
From: bartdoug@acusd.edu
Message-ID: <D52JzJ.MIA@pwa.acusd.edu>
Source record: 260698

In <D4zyBL.zK@pwa.acusd.edu>, bartdoug@acusd.edu writes:
>In <3j6u19$1m8u@tiger1.ocs.lsu.edu>, dbecker@tiger.lsu.edu (Daniel Farrell Becker)
writes:
>>What are the Marine Radio Channels? Or where should I look for them?
>>
>>How bout' the Marine Operator channels?
>
>There are actually two marine bands. The most common is in the
>VHF band. There are also another group of frequencies in the low
>range (2 MHz and above off the top of my head) that are referred to
>as Single SideBand (SSB) frequencies since that is the transmission
>mode.
>
>Any good scanner book should have these frequencies listed.

OOPS! I forgot to mention that it is the VHF freq.s that almost any
scanner book will have. Since very few scanners have the capability
to pick up the SSB freq.s, they are not usually listed. They are available
from various sources, the easiest would be a shop that specializes in
marine electronics. You can also find them in the FCC regulations, but
I don't have the section numbers handy. E-mail me if you're interested.

There are a lot of freq.s in this area, but a good knowledge of HF
propagation is needed to know what to listen to when. These bands
are interspersed with the Shortwave bands, so if you already have
that type of equipment and knowledge, marine ssb shouldn't give you
any trouble.

The VHF bands on the other hand generally require no new equipment,
are local, and are busier. All of these factors add up to more interesting
listening IMO.

Happy Scanning,

Doug

2859. Re: Recording receptions

Newsgroup: rec.radio.scanner
Date: 1995-03-07 12:00:52 UTC
From: dhughes@prairienet.org
Message-ID: <3jhhtk$cnd@vixen.cso.uiuc.edu>
Source record: 260696

>How can I connect my scanner to a tape recorder w/o overloading the
>recorder's input circuit? Is there a circuit that I could make to"cut down"
>the power coming out of the earphone jack? Thanks.

Radio Shack sells an attenuator plug made just for this purpose, costs
maybe four bucks or thereabouts. ---Dan
--

2860. NASCAR accessories?

Newsgroup: rec.radio.scanner
Date: 1995-03-07 13:24:41 UTC
From: smeier@uspto.gov
Message-ID: <3jhmqp$mbh@pioneer.uspto.gov>
Source record: 260599

I'm interested in headphones for my scanner that are sounproofed and amplifiied so that I can hear at the races. My BC205XLT does not have a very loud sound output. I've heard that the ouput can be modified, but if I go to the races i would want to split to two headphones for two users. I thought if I coud find soundproofed headphones with a built-in amplifier (maybe with a 9-volt power supply) and of course a volume control knob would be great.

Does anyone have suggestions where to get it?

2861. Re: OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-07 14:44:26 UTC
From: Brian.E.Rehm.1@gsfc.nasa.gov
Message-ID: <Brian.E.Rehm.1-0703950944260001@fssb21.gsfc.nasa.gov>
Source record: 260602
Cross-posted to: rec.radio.scanner,alt.radio.scanner,phl.scanner,clarknet.radio.frequency

In article <tspeairs-0403951114190001@192.0.2.1>, tspeairs@intnet.net (Tom Speairs) wrote:

> In article <3j9knb$iv5@clarknet.clark.net>, jcosiman@clark.net
> (JMConsulting) wrote:
>
> > The current issue of Monitoring Times mentions a program called OrbiTrack
> > in the article on SAREX. It runs on a Macintosh, and it reported to be
> > shareware. Does anyone know where I can find it? I've checked some sites,
> > and done an archie search. I will call a BBS to get it if I have to.
> >
>
>
> Try ftp.demon.co.uk/pub/ham/mac
>
> I saw it ther along with a bunch of other Mac/Ham related files. I've been
> using OrbiTrack for quite a while... enjoy!
>
> 73 de WF3E, Tom

ftp to spacelink.msfc.nasa.gov, look in /Instructional.Materials/Software/Macintosh/Satellite.Tracking and there it is in Stuffit format.
You can also get TLEs from this system, in /Instructional.Materials/Software/Tracking.Elements, but getting them from here is so much easier.

I hear v 2.1.5 is available... Send in your shareware fee!

Brian Rehm

2862. PRO43 Tech - Thanks!

Newsgroup: rec.radio.scanner
Date: 1995-03-07 15:11:07 UTC
From: robbino@primenet.com
Message-ID: <robbino.15.0009E646@primenet.com>
Source record: 260700

After panicking over my display going blank and receiving several messages of help, the problem has been solved.

I did somehow "blank" all of the channels. I "reset" the unit (clear/zero/on) and everything is well (with the exception of losing all my programmed frequencies). Oh, well.

Thanks again. This is a great group.

Robbin

2863. Re: Recording receptions

Newsgroup: rec.radio.scanner
Date: 1995-03-07 15:12:41 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <3jht57$n51@ornews.intel.com>
Source record: 260586

In article <D51s8D.60p@eskimo.com>, kerhop@eskimo.com says...
>
>Greg_M (an132339@anon.penet.fi) wrote:
>
>: How can I connect my scanner to a tape recorder w/o overloading the
>: recorder's input circuit? Is there a circuit that I could make to"cut down"
>: the power coming out of the earphone jack? Thanks.
>
>perhaps turning the volume knob counterclockwise? ;)

That might help, but typically the unloaded speaker output from any radio is still too much for a microphone input on a recorder. The speaker amp is trying to drive an 8 ohm load, and the mike input is either in the 600 or multi 100k-ohm range.

Radio Shack used to sell attenuator patch cords which will allow you to properly pad the speaker output from your scanner to your tape recorder's mike input. I don't know if they still do, but this is a fairly common need, so I would think that they would still carry this attenuating patch cord.

Conversely, if you have parts and like to tinker, I've made a patch cord of my own. The patch cord consists of a 10 ohm resistor across the speaker output of the scanner to provide a load for the speaker amp in the scanner, then a DC blocking capacitor of about 0.1 uF between the hot lead from the scanner's speaker output to the tape recorder mike's input. I used shielded audio cable throughout to minimize AC hum pickup, since the mike-side of the patch cord is at a fairly high impedance. My experimenting seems to indicate that the key is the 10 ohm load resistor. Once that's in place, the speaker amp is less likely to overload the mike input.

2864. Pro 51 4 sale

Newsgroup: rec.radio.scanner
Date: 1995-03-07 15:39:13 UTC
From: nnyx@w3eax.umd.edu
Message-ID: <3jhun1$6j8@hecate.umd.edu>
Source record: 260707

I have a 6 month old Pro 51 for sale - and it is keyboard
modifiable (date code 11A3). I am selling this radio (with box and
manual) for $200.00 firm plus shipping.
Thanks,
nnyx@w3eax.umd.edu

2865. Re: One-sided cell conversations-why

Newsgroup: rec.radio.scanner
Date: 1995-03-07 15:50:33 UTC
From: dgoodman@aol.com
Message-ID: <3jhvc9$23n@newsbf02.news.aol.com>
Source record: 260703

>Why can only one voice of a cell call be picked up, but other times both
>sides are heard? This happens on 800mhz and also 1200mhz.

It's a function of the cellular phone model being used in the
conversation. Some echo back the other side of the conversation, some
don't.

Danny Goodman

2866. dumb question re: software

Newsgroup: rec.radio.scanner
Date: 1995-03-07 16:08:58 UTC
From: raymo@netcom.com
Message-ID: <raymo-0703950812260001@192.0.2.1>
Source record: 260709

I don't understand....what would you do with software for a scanner?

sorry this is a dumb one...but i've looked around the group and can't find
the answer....

thanks,

ray

2867. Re: Grove Bandstacking Convertor

Newsgroup: rec.radio.scanner
Date: 1995-03-07 16:38:25 UTC
From: rats@ihlpm.ihsam.att.com
Message-ID: <D52ww1.AnM@nntpa.cb.att.com>
Source record: 260715

Basically, this utilises a relatively low frequency Local Oscillator
in which the harmonics are used to feed into the mixer; each harmonic
will downconvert some portion of the 200-400Mhz down to the Aircraft
band so as to enable AM demodulation. Hence the term "Bandstacking"
in which each relevant harmonic will downconvert a band of frequencies
to exactly the same Aircraft band frequencies. By tuning the full
bandwidth of the VHF airband with this downconvertor, you are actually
tuning many different bands of frequencies on UHF simultaneously. There
is little chance of simultaneous reception on different frequencies
due to the fact that these military frequencies are pretty sparsely
populated... really, pretty clever a solution to military band
reception...

2868. AR-8000 Cell Image- Help!

Newsgroup: rec.radio.scanner
Date: 1995-03-07 17:35:16 UTC
From: SUVE11A@prodigy.com
Message-ID: <3ji5gk$r1e@usenetw1.news.prodigy.com>
Source record: 260604

I know that you cannot enter a frequency which is not divisible by its step size, with the exception of the Step Offset feature which lets you enter a frequency that is precisely one-half step off of a frequency that is divisible by that step increment.
Using postings on the referenced subject, I am trying to find a way to enter search parameters with a starting freq of 1419.9 and a step size of 30 KHz (in violation of the above-stated principle).
The only fall back position I have divined is to simply set the step at 10KHz and tolerate slower searches which sometimes lock in to the lower, weaker frequency. Any ideas will be appreciated. Thanks!
-
David BALLENGER SUVE11A@prodigy.com

2869. Re: Question about Pro-39 mod

Newsgroup: rec.radio.scanner
Date: 1995-03-07 18:11:28 UTC
From: donwood@pop.long-beach.va.gov
Message-ID: <donwood.1144987528D@news.service.uci.edu>
Source record: 260607

Is there a mod to recover the lower band? People used to clip the diode on the pro-43 (to recover cell) until some bright person discovered that it could be re-installed in another position to not only recover cell but give you 54-88mhz as well. Any similar use for D-6?

Don Wood, VA Medical Center (IRM), 5901 E. 7th Street, Long Beach, CA 90822;
Voice: (310) 494-5457, FAX: (310) 494-5853; donwood@pop.long-beach.va.gov
PGP or RiPEM Key via request, finger, or keyserver.
"A closed mouth holds no feet."

2870. 8000 "EX" Fnc. Problems!

Newsgroup: rec.radio.scanner
Date: 1995-03-07 18:35:46 UTC
From: bbjamin@aol.com
Message-ID: <3ji922$3o7@newsbf02.news.aol.com>
Source record: 260609

8000 "EX" Fnc. Problems!

RE: "EX" Command for the AR-8000 interface won't work for me!

I can not get the "EX" command to work. Example - While using different commands via [Computer ::Interface:: AR-8000] (all of which work great) I can not get the "EX" command to function, the AR-8000 beeps like it excepted the command but I can not use the keypad as the Manual explains, until I manually push [LOCAL] on the 8000 key pad.

Can someone try your "EX" command and tell me if yours works!?

Thanks.............Ben

Please E-Mail BBJAMIN@aol.com
The 8000 is Nice but could be Nicer,
Where's the internal Clock for on.awake/off.sleep > It does not Exist <

2871. Re: NASCAR accessories?

Newsgroup: rec.radio.scanner
Date: 1995-03-07 18:37:20 UTC
From: gij@msn.fullfeed.com
Message-ID: <NEWTNews.794605197.21576.gij@amfamin.msn.fullfeed.com>
Source record: 260716

> I'm interested in headphones for my scanner that are sounproofed and
> amplifiied so that I can hear at the races.
> Does anyone have suggestions where to get it?
>
Try Racing Electronics. They have an 800 # which you can get via
1-800-555-1212

2872. Colorado Springs Freq -- DISASTER STRUCK MY SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-03-07 19:22:11 UTC
From: "Peter A. Jones" <JonesPA%DF@pcmail.USAFA.af.MIL>
Message-ID: <3jibp3$40i@usafa2.usafa.af.mil>
Source record: 260605

Help, My scanner died and I lost all of my frequencies
I have a folder of freq bit it is LOST too, all in all
a real bad weekend. Any and all help will be appreciated.

Pete

Reply to Newsgroup or Pete9467@AOL.COM

2873. Toronto Frequency Listings

Newsgroup: rec.radio.scanner
Date: 1995-03-07 19:24:26 UTC
From: an152@torfree.net
Message-ID: <D534Kr.Gws@torfree.net>
Source record: 260486

Does anyone know of a listing more up to date than the
'93 Harteq Scanner Book?

2874. Re: Grove Bandstacking Convertor

Newsgroup: rec.radio.scanner
Date: 1995-03-07 19:25:20 UTC
From: domonkos@access.digex.net
Message-ID: <S6BNliubGcES079yn@access.digex.net>
Source record: 260612

In article <D52ww1.AnM@nntpa.cb.att.com>,
rats@ihlpm.ihsam.att.com (Morris the Cat) wrote:

> There
> is little chance of simultaneous reception on different frequencies
> due to the fact that these military frequencies are pretty sparsely
> populated... really, pretty clever a solution to military band
> reception...

It's amazing what you can hear in a 12 hour period if you tape everything.
I get about 1 hour of taped mil-air comms in a 24 hour period, and lots
of neat action from a 3 state-wide area.

Andy

2875. Looking for LCD AlphaNumeric Uniden scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-07 20:22:14 UTC
From: cwachs@aol.com
Message-ID: <3jif9m$4pm@newsbf02.news.aol.com>
Source record: 260616

Uniden (I believe) used to make a 100 channel 10 bank alpha numeric scanner. I can not find it anywhere nor do I know the name of it.

I am looking for a flat scanner with alpha numeric readouts that will also search freq limits. I am mounting it in a fire dept command car and do not have a lot of room. Better to be flat than deep. It will mount on a goose neck type arm to swivel around.

Anybody have any suggestions?

CWachs@aol.com

2876. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-07 20:48:18 UTC
From: tvine@aol.com
Message-ID: <3jigqi$532@newsbf02.news.aol.com>
Source record: 260619

I just returned from europe and had no problem getting my ar8000 thru any security checks, here or there...

2877. Icom IC R1 full 800mhz *UNBLOCKED* FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-07 20:56:36 UTC
From: marcelo guevara <argentin@shadow.net>
Message-ID: <3jiha4$6dl@anshar.shadow.net>
Source record: 260721

for sale a used R1 asking $500 E-mail me at ARGENTIN@SHADOW.NET

2878. Scanning cruise liners

Newsgroup: rec.radio.scanner
Date: 1995-03-07 20:58:00 UTC
From: watson@wink.corp.sgi.com
Message-ID: <WATSON.95Mar7125800@wink.corp.sgi.com>
Source record: 260475

I'm planning to go on a cruise soon. I imagine the ships are full of handheld radios for numerous purposes, and I was wondering if there was a database available to help me pick frequencies.

Thanks for any assistance,
-David.

2879. Re: One-sided cell conversations-why

Newsgroup: rec.radio.scanner
Date: 1995-03-07 21:12:34 UTC
From: jmckay@gold.interlog.com
Message-ID: <3jii84$i46@steel.interlog.com>
Source record: 260622

Peter C Murphy (pm4060@selway.umt.edu) wrote:
: Why can only one voice of a cell call be picked up, but other times both
: sides are heard? This happens on 800mhz and also 1200mhz.

Often, the cell company blocks the mobile audio from being repeated. This serves two purposes, first it prevents scanner people from fully monitoring both sides of the conversation...you only hear the audio from the caller on the "land line" side. The other reason is to prevent feedback from the mobile when using hands free operation. In this case the mic in the mobile would be picking up the audio from the speaker and sending it back to the base station. If the base side of the cell repeated this audio, it would be fed back to the mobile and would cause "howling". The reason some sites still have both sides of the conversation is probably 'cause the cell carrier hasnt fully converted all their equipment....

2880. Re: Listeneing to shuttle

Newsgroup: rec.radio.scanner
Date: 1995-03-07 21:41:10 UTC
From: cej@s3106h26.atl.hp.com
Message-ID: <3jijtm$l96@hpuerci.atl.hp.com>
Source record: 260620

Dale E. Jacobson (75233.3551@CompuServe.COM) wrote:
: LA Area, can hear NASA Select at 469.900.

In Atlanta area.. try 147.345 and ch 58(cable) freq.. for Video/audio
ATV
cj

2881. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-07 21:43:29 UTC
From: cej@s3106h26.atl.hp.com
Message-ID: <3jik21$l96@hpuerci.atl.hp.com>
Source record: 260621

R. Wiley (rawiley@blue.weeg.uiowa.edu) wrote:
: Dick Williamms <richlw@delphi.com> writes:

: >The last weekend in April is the Dayton Ham/Computer Fest for
: >any interested parties. I have never attended this function
: >before but from what friends tell me that have attended many
: >times it is "something else"! From my understanding it is one
: >of the largest of its' kind. I need some advice from people
: >that HAVE attended functions of this nature. I have been
: >looking at the Radio Shack Pro 43 & 62, but I have been holding
: >off thinking that I will get a better deal in a scanner at this
: >fest. Does one most generally find good deals at these fests?
: >
: >Thanks,
: >Dick

: You never know what you will find at a hamfest. There are
: always people selling Radio Shack merchandise at most of
: them, and as far as I know Dayton is the biggest.

: If you have never been to Dayton you should go at least once.
: Be sure to take an umbrella or raincoat and dry shoes. It
: always rains at Dayton and there is essentialy no onsite parking.
: You will wait for a shuttle bus at a remote parking site
: in the rain.

: rw

The best thing to wear i have found is a PARKA.. just wear it
and you can hold onto all your goodies and even take your arms out
of the parka and hold stuff out of the rain..
wear a cap to keep the parka hood up out of your face..
even keeps the HT dry..
great
cj
KC4KCN

2882. Re: Mods for FT51R

Newsgroup: rec.radio.scanner
Date: 1995-03-07 21:47:24 UTC
From: cej@s3106h26.atl.hp.com
Message-ID: <3jik9c$l96@hpuerci.atl.hp.com>
Source record: 260478

James Shryne (dhz@crl.com) wrote:
: Does anybody have any 800MHZ Mods for the yeasu FT51R?

: Appreciate any help

: --
: JIM SHRYNE |Honesty is not something you should flirt with- you should
: ARS N6DHZ |be married to it. >There's more ways to skin a cat than stickin'
: dhz@crl.com |his head in a boot jack and jerkin' on his tail

---
Look in rec.amateur.equip...its there..
cj

2883. Re: Icom IC R1 full 800mhz *UNBLOCKED* FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:04:31 UTC
From: horak@convex.com
Message-ID: <3jil9f$nlf@eugene.convex.com>
Source record: 260477

In <3jiha4$6dl@anshar.shadow.net> marcelo guevara <argentin@shadow.net> writes:

>for sale a used R1 asking $500 E-mail me at ARGENTIN@SHADOW.NET

$500? Ouch!!!!!

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

2884. Re: San Diego/ America's Cup

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:07:37 UTC
From: sbelfi@powergrid.electriciti.com
Message-ID: <sbelfi.122.00162131@powergrid.electriciti.com>
Source record: 260594

In article <1995Mar4.132553@pacs.sunbelt.net> hdavis@pacs.sunbelt.net writes:

>Going to SD later in the month to watch AC action.

>I would appreciate pointers to files on the net or CIS:

> -Freqs used by competitors and race officials

Race commentary can be found on Marine (Channel 72?) Frequency 156.625 mhz.

Scott Belfield KD6FY@K6JCC sbelfi@powergrid.electriciti.com
San Diego (Rancho Bernardo) sbelfield@electriciti.com
CA(lifornia) 92128-2331 71636.404@compuserve.com

2885. Re: Recording receptions

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:24:53 UTC
From: dshunter@nunki.usc.edu
Message-ID: <3jimfl$3qc@nunki.usc.edu>
Source record: 260476

In article <3jhhtk$cnd@vixen.cso.uiuc.edu> dhughes@prairienet.org (Dan Hughes) writes:
>
>>How can I connect my scanner to a tape recorder w/o overloading the
>>recorder's input circuit? Is there a circuit that I could make to"cut down"
>>the power coming out of the earphone jack? Thanks.
>
>Radio Shack sells an attenuator plug made just for this purpose, costs
>maybe four bucks or thereabouts. ---Dan
>--

I assume this is solely for recording weather channel broadcasts, right?

I use a simple phono patch cord (mono or stereo), plug one end into the scanner earphone jack and one into the microphone jack of my portable stereo. Works great. Couple of things to remember, though. The volume of the scanner should be way down. Adjust volume via the recording equipment. Also, if using a stereo like mine, tune down the treble and bass, so that you don't get some nasty distortion. You're working with a limited audio frequency range and you don't need to boost frequencies outside the human vocal range.

I've learned that using a patch cord to a mini-recorder (at least the cheapo VOC Sanyo I have) DOESN'T work well. Static. It would've been an good setup, since it would have been totally portable. Somehow, I don't see myself lugging my "boom box" with a scanner connected to it. Kinda retro 80's if you ask me. :)

Dave

2886. Re: dumb question re: software

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:29:52 UTC
From: dshunter@nunki.usc.edu
Message-ID: <3jimp0$46f@nunki.usc.edu>
Source record: 260723

In article <raymo-0703950812260001@192.0.2.1> raymo@netcom.com (ray halliday) writes:
>I don't understand....what would you do with software for a scanner?
>
>sorry this is a dumb one...but i've looked around the group and can't find
>the answer....
>
>thanks,
>
>
>ray

Some high end scanners can be hooked up to a computer, which will allow you to control the scanner from the PC. And if you are running it from a computer, you of course need software. The nice thing about software is that some allows you to record "hits" when scanning a certain band, and give you great flexibility in scanning. Like if you wanted to search up and down several bands (usually a scanner itself will only let you scan continuously between two values), and can save the frequencies where it found any transmissions.

Dave

2887. First Week with BC9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:33:30 UTC
From: neilbell@ccnet.com
Message-ID: <3jimvq$kfe@ccnet3.ccnet.com>
Source record: 260575

I have been using my new BC9000 for a few days now, alongside my Pro2006. I like it a lot and have put the Pro 2006 up for sale. The scan speed is very good to excellent. I haven't experienced any significant inter-mod or adjacent channel splatter. The alpha labels are a nice help and can be applied to any of the 500 channels, with a limit of a total number of labels to 250. Selective attenuation can be applied to any channel if needed.

Being able to designate any specific channels you desire to be taped is *VERY* handy and works quite well. In the 360 MHz to 385 MHz range, cellular calls come in loud and clear, so stay away from those freqs when searching!

Delay can be set for any desired channel(s). The display is *Bright* and clear and gives info such as search increment, bank number, chan number, etc.

In short, so far it seems very nice to me. I have ordered the CTSS tone decoder... it will make a great scanner even better, in my opinion.

Neil Bell (San Francisco Bay Area)

2888. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:34:58 UTC
From: Bishwa Shrestha <bishwa@rodeo.uwyo.edu>
Message-ID: <Pine.ULT.3.91.950307153113.1471A-100000@rodeo.uwyo.edu>
Source record: 260606

On 6 Mar 1995, ChesterGeo wrote:

> I'm hoping to bring my scanner with me on an upcoming trip
> to Los Angeles. Has anyone had any trouble getting a scanner
> through the security checkpoint that I should be aware of? Will
> the nice folks at the x-ray machine have their eyebrows raised, or
> will they let me go on my way?
>

Yeah, I used the scanner flying from Salt Lake to Orange County last Spring. The airline was Delta. Although I had no problem getting a scanner through security point, I did not show off the radio inside the plane. Just scan the 118-136 range and don't forget the headphone, preferrably stereo (with the mono-stereo convertor of course!!)

Bishwa Shrestha, KC7JFV

2889. Uniden BC172XL for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:55:58 UTC
From: ah157@cleveland.Freenet.Edu
Message-ID: <3jio9u$b89@usenet.INS.CWRU.Edu>
Source record: 260577

```
New condition, works 100%
Receives 29-54,108-174,406-512
$85 takes it and includes shipping.
Leave mail.
```

2890. Looking for..

Newsgroup: rec.radio.scanner
Date: 1995-03-07 22:59:17 UTC
From: fsw9724@vaxb.isc.rit.edu
Message-ID: <1995Mar7.225917.2008@ultb.isc.rit.edu>
Source record: 260480

Does anyone have the fire/police frequencies for New Castle, Deleware,
or Wilmington, DE? Email them or post them here. If anyone should
need any Boston freqeuncies, let me know.

Thanks....

Scott----C75

2891. Re: NASCAR accessories?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 00:17:46 UTC
From: HGMW84A@prodigy.com
Message-ID: <3jit3a$17c4@usenetp1.news.prodigy.com>
Source record: 260485

Call Racing Electronics at 1-800-272-7111. They do mods to sound scan
speed and batteary life. they sell headsets and spliters for a scanner.
also recmoned a stub antenna. they are good and cheep

artie in nj

2892. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-08 01:21:12 UTC
From: Ed Ellers <edellers@delphi.com>
Message-ID: <Ry44Nfg.edellers@delphi.com>
Source record: 260484

ChesterGeo <chestergeo@aol.com> writes:

>I'm hoping to bring my scanner with me on an upcoming trip
>to Los Angeles. Has anyone had any trouble getting a scanner
>through the security checkpoint that I should be aware of? Will
>the nice folks at the x-ray machine have their eyebrows raised, or
>will they let me go on my way?

The safest thing to do is to (1) have charged batteries in place and (2) have the radio programmed to come up on a non-controversial frequency such as weather radio. The guards may want to turn the set on to make sure it works, so they'll know that it isn't loaded with something other than batteries and circuitry.

The same rule applies to laptop computers; I heard of an incident a while back where a fellow was detained briefly after guards watched him start up his 386 laptop -- seems that he had Unix installed on it rather than DOS, and the guards were under orders to make sure that the computer booted to the DOS prompt! Dunno what those noodnicks will do when Windows 95 ships (or when someone shows up with OS/2 on his notebook)...

2893. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-08 01:52:25 UTC
From: dayglo@phantom.com
Message-ID: <3jj2kp$50s@dockmaster.phantom.com>
Source record: 260580

```
: The last weekend in April is the Dayton Ham/Computer Fest for
: any interested parties. I have never attended this function
: before but from what friends tell me that have attended many
: fest. Does one most generally find good deals at these fests?

The Dayton Hamvention is the LARGEST in the country. You will find
everything and anything there. And if you know the right ppl to ask you
might even be allowed to paruse the things not generally on display.
Bring no less that $1000 to the fest for you will definately need it.
The deals can be spectacular you just have to look and don't purchace
from the first dealer that you see unless it is truely spectacular.
```

2894. Re: NASCAR accessories?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 01:56:37 UTC
From: radioman@ix.netcom.com
Message-ID: <3jj2sl$54r@ixnews4.ix.netcom.com>
Source record: 260579

In <3jhmqp$mbh@pioneer.uspto.gov> smeier@uspto.gov (Stephen Meier) writes:

>
>I'm interested in headphones for my scanner that are sounproofed and
>amplifiied so that I can hear at the races. My BC205XLT does not have
a
>very loud sound output. I've heard that the ouput can be modified, but
if I
>go to the races i would want to split to two headphones for two users.
I
>thought if I coud find soundproofed headphones with a built-in
amplifier
>(maybe with a 9-volt power supply) and of course a volume control knob
would
>be great.
>
>Does anyone have suggestions where to get it?
>

I would suggest sending your scanner to Racing Electronics in New Jersey. I think their phone # is 1-800-272-7111. They can do a simple audio modification for about $15 that will make the audio about 10 times louder. They also sell several different types of headphones that are built specifically for using at the races. The headphone prices range from $29 to over $300. I have the $29 pair and they work just fine. They cut out about 90% of the engine noise, are pretty light, and have seperate voulume control knobs for each ear.

Mark in NJ

2895. Re: BEL 645STiP radar detector

Newsgroup: rec.radio.scanner
Date: 1995-03-08 01:59:54 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950307175007.20663F-100000@hudson.ECE.ORST.EDU>
Source record: 260581

On 6 Mar 1995, Kimberly Sanborn wrote:

> I've seen some talk about the BEL radar detector. I was going to
> purchase one, then, with the help of a handi-dandi chart in an
> electronic magazine, I came to the conclusion that I could purchase a
> Uniden with the same features and save almost $100. So, instead of
> buying 1 BEL, I bought 2 Unidens.
>
> If you insist on buying BEL, I suggest you check out the ads in the
> back of electronic magazines. I purchased my UNIDENs out of NY after
> doing some major price shoppings. I think the cheapest BEL 645STiP I
> found was for $225.

The Unidens are cheaper, but, they aren't that great. For one, the
falsing is out of control. I had (LRD4000W)one for 2 weeks and sent it
back. It
picked up "Ka" all of the time. Interesting since there are no Ka units
in Oregon. It also falses on K. It switched between X and K a lot.The
laser is supposed to be OK. It went off twice for no reason but it did save me
once. I still have my old Passport of 5 years and think it's the best
(if you don't have to worry about laser and Ka). I really like the new
Passport with the mini Spectrum analyzer but haven't bought one yet. I
took the money from the Uniden and put it toward a new ARC Interceptor
Active jammer. The only thing that will defeat instant on.

2896. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-08 02:51:30 UTC
From: scan911@aol.com
Message-ID: <3jj63i$alo@newsbf02.news.aol.com>
Source record: 260490

I've never had trouble traveling through airport security with either scanners or two-way radios in my carry-ons. If you DO run into trouble, offer to disconnect the battery from the radio. There was a time when that was required anyway. But make sure you don't short out the battery terminals inside your carry-on and the baggage catches fire!!!

By the way, Delta Airlines do allow the use of scanners in-flight, according to information that has been sent to me. That is, of course, if you are willing to fly on Delta.....

|
|
' --|--
/|\
' ___|_____
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2897. Faster Crystals = Faster Scan Rates?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 02:56:22 UTC
From: pkhmah@aol.com
Message-ID: <3jj6cm$apd@newsbf02.news.aol.com>
Source record: 260583

I replaced the 2MHz xtal in my PRO-34 with a 4MHz xtal, in an attempt to increase the scan rate. However the scan rate remained unchanged (8-10 channels/sec). I tried a 10MHz xtal, and the scan rate still remained unchanged. I measured the scan rate by scanning a single bank of 20 programmed channels (unprogrammed channels scan much faster, and do not give a measure of the actual scan rate). After installing the 10MHz xtal I noticed that the scanner seemed to scan just fine (although at its same slow speed), but would not lock onto a channel (could not tune my own cordless phone freq. on it)!

Yes, I did change the microprocessor xtal and not a xtal on the RF board! In fact the micoprocessor crystal is the only xtal on the logic board!

Anyway, does anyone have any idea why this is occurring? I would expect that a crystal that was too fast for the microprocessor would simply cause it to not function, or lock up!

I would appreciate any comment or suggestions here. I am truly puzzled!

Please email to pkh@mtc.aro.allied.com

Thanks,

Paul

2898. Re: One-sided cell conversations-why

Newsgroup: rec.radio.scanner
Date: 1995-03-08 04:02:37 UTC
From: masons@cadvision.com
Message-ID: <3jja8t$9sn@huey.cadvision.com>
Source record: 260610

In article <3jhvc9$23n@newsbf02.news.aol.com>, dgoodman@aol.com says...
>Why can only one voice of a cell call be picked up, but other times both
>sides are heard? This happens on 800mhz and also 1200mhz.

>It's a function of the cellular phone model being used in the
>conversation. Some echo back the other side of the conversation, some
>don't.
I thought it was a function of the cellular carrier and their equipment.
In Canada (or Alberta anyway) the Non-wireline carrier (Cantel) supresses
the mobile side of the conversation on all calls (although occasionally
there is a bit of leakage).

Steve

2899. BC200XLT Mod wanted for UC-1147A Microprocessor.

Newsgroup: rec.radio.scanner
Date: 1995-03-08 04:57:19 UTC
From: erik@fishtank.equinox.gen.nz
Message-ID: <794638639.11snx@fishtank.equinox.gen.nz>
Source record: 260615

Hi.

I have just brought a Bearcat 200XLT scanner, and when I went to do the MOD, I found the Microprocessor was labeled UC-1147A, Not the UC-1147 mentioned in the MOD I had.. And the diode you are supposed to cut didnt even exist. I presume a different model is sold in New Zealand where I live, to that sold in USA where the MOD came from. I was hoping someone had a solution.. I think they are the same scanners sold in Australia.

Thanks... I hope.
Martin

2900. Re: PRO-51 Mods Suggestion

Newsgroup: rec.radio.scanner
Date: 1995-03-08 05:33:12 UTC
From: Ivan Paynter <iwsmp@metronet.com>
Message-ID: <3jjfio$sb9@feenix.metronet.com>
Source record: 260495

> Anyone have any suggestions, or has anyone already done this sort of
> brain opperation on their scanner?
>
> Thanks, James

James,
I really can't help you, BUT if you come up with something
good let me know. I got both the pro-51 and 62, amoung my
2006 and 2026 and 200XLT. I like the new Radios (51 and 62)
alot but find the locked out freq. a pain in the BUTT!

Ivan Paynter
iwsmp@metronet.com

2901. Re: Plano, TX. Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-08 05:45:47 UTC
From: Ivan Paynter <iwsmp@metronet.com>
Message-ID: <3jjgab$2od@feenix.metronet.com>
Source record: 260591

llorance@ix.netcom.com (Larry Lorance) wrote:
>
> Anyone that has the up-to-date freqs for the Plano, Texas police and
> fire departments will you please post these freqs. I understand these
> departments have gone 800 Mhz.

Larry,
I'm monitoring them as I type. They have been on a trunk system
for over two years. There are 20 freq's listed to then, But I have
found they only use the last 10. By the way so does every other public
utility in Plan-0. I have a complete list posted on my BBS here in Plano
please feel free to dial up and download. The file is listed under
Texas Freqs and the BBS number is 618-1278.

Ivan Paynter
iwsmp@metronet.com
Ivan_Paynter@MCI.com The (Scanniest)Blackboard
214-618-1278

2902. Cell. Phone Question

Newsgroup: rec.radio.scanner
Date: 1995-03-08 05:53:37 UTC
From: adehart@ecst.csuchico.edu
Message-ID: <3jjgp1$i1@charnel.ecst.CSUChico.EDU>
Source record: 260592

This might be in the wrong group but there seems to be some knowledgable people on this subject here. I recall a recent thread about only 1/2 of cell phone conversations coming through when scanning and someone said that certain phones only transmit one side of the conversation. Well my question is what brands and/or models do this. Thanks

2903. Bearcat 9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-08 06:14:56 UTC
From: dmaxwell@hookup.net
Message-ID: <dmaxwell.27.2F5D4B60@hookup.net>
Source record: 260593

Re the bearcat 9000 xlt.I have purchased a unit and done my own comparison tests.I live 150miles east of detroit in ontario canada,I like to listen to the detroit pd on uhf.in my shack i have an icom r7000 as well as other radios. on the weekend i hooked up both units side by side,on identical discone antennas with identical preamps.The result in my opinion was that the 9000 performed every bit as good as the 7000.The only advantage i felt with the 7000 was the signal meter.The tone on the 9000 is improved with an external and as anyone with a 7000 knows the bearcat certainly put it to shame when it comes to the scan mode.I would certainly recommend buying this unit to anyone.I further recommend buying it from scanner world in albany Ny.I got great service from them.

Note:These are my own opinions and im not getting kickbacks from uniden

---

David R. Maxwell dmaxwell@hookup.net

2904. Las Vegas, NV. Freqs??

Newsgroup: rec.radio.scanner
Date: 1995-03-08 06:42:41 UTC
From: EdWynn@ix.netcom.com
Message-ID: <3jjjl1$be7@ixnews4.ix.netcom.com>
Source record: 260595

Anyone out there have an up to date list of the most active police and fire freqs in the Vegas area and the Nevada State Police??

Ed

2905. Re: Mods for FT51R

Newsgroup: rec.radio.scanner
Date: 1995-03-08 07:23:14 UTC
From: dhz@crl.com
Message-ID: <3jjm12$1r7@nntp.crl.com>
Source record: 260498

Chris Jernigan (cej@s3106h26.atl.hp.com) wrote:
>James Shryne (dhz@crl.com) wrote:
>: Does anybody have any 800MHZ Mods for the yeasu FT51R?

>: Appreciate any help

>: --
>: JIM SHRYNE |Honesty is not something you should flirt with- you should
>: ARS N6DHZ |be married to it. >There's more ways to skin a cat than stickin'
>: dhz@crl.com |his head in a boot jack and jerkin' on his tail

>----------
>Look in rec.amateur.equip...its there..
> cj

tnx cj

--
JIM SHRYNE |Honesty is not something you should flirt with- you should
ARS N6DHZ |be married to it. >There's more ways to skin a cat than stickin'
dhz@crl.com |his head in a boot jack and jerkin' on his tail

2906. FAQ

Newsgroup: rec.radio.scanner
Date: 1995-03-08 07:39:36 UTC
From: rick0@ix.netcom.com
Message-ID: <3jjmvo$9on@ixnews3.ix.netcom.com>
Source record: 260502

Where is the FAQ located for this group?

I would feel stupid asking for stuff like Pro 2006 mods (which
have probably been asked hundreds of times).

But as long as I'm on the subject: what are the mods available on 2006?

2907. Any good frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 08:53:36 UTC
From: iceman3207@aol.com
Message-ID: <3jjrag$fm3@newsbf02.news.aol.com>
Source record: 260597

Need frequencies of anything, anywhere. Sports teams, police, fire, ambulance. Give them all.

2908. Re: Idea for Pro 62 800 MHz Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-08 08:54:55 UTC
From: jpbrody@u.washington.edu
Message-ID: <3jjrcv$reu@nntp2.u.washington.edu>
Source record: 260598

In article <none-0703950145210001@fig-ppp.caltech.edu>,
Fig <none@nowhere> more or less wrote:

>I posted an pair of ideas like yours about three weeks ago (i might be
>able to find a copy, but dont have much time right now) and feel that
>it 'should' have worked for you. Anyway, I know little about the pro-62,
>but can point out what i noticed on the bc-200/bc-100/pro-35.

Okay, I looked at the schematic and think it should have worked for me
too. Not for the original reason I tried it, but because like you said
the PLL feeds the VCO's in parallel. I may have given up too quick, I
mean I did the modification, checked out where I thought I should get the
830 MHz signal didn't see anything, and then figured out that I didn't
know what was going on. Well, some things haven't changed much. I still
don't really know how this radio works.

Anyway, maybe I'll give it another try when I get some time.

>If all else fails, here was the other idea i posted: it seems that most
>of the scanner micros check for freq.s upon _entry_. If you could write
>the right values to the RAM/EEPROM then it *probably* will not check them,
>and go blindly using them (just like test mode freq.s).

That would be kind of hard to do, at least on the Pro-62, but it gave me
another idea. You could intercept the signal between the CPU and the PLL
and fiddle with the bits. This would probably be pretty easy, just some
digital logic on a board. Of course, you'd really have to know what the
CPU and the PLL are doing. So, anyone have the data sheet for GRE-9329
and M64074G?

--
Jim Brody jpbrody@u.washington.edu

2909. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1995-03-08 10:42:09 UTC
From: randolph@est.enet.dec.com
Message-ID: <3jkjjn$6m2@mrnews.mro.dec.com>
Source record: 260611

In article <Pine.ULT.3.91.950306084557.5726A-100000@admin.alleg.edu>, Pete Gifford <pgifford@admin.alleg.edu> writes...
>My question is, should I get a scanner antenna or a CB antenna? Will
>either give reasonable performance on both radios? I am most interested
>in scanning the 150/160 range.
>Pete Gifford

You should get a CB antenna. The reason is that the scanner antenna might or might not be a good match for your CB transmitter. If it's not, you'll blow out the radio. The scanner will only be receiving, so it's much less critical what you hook up to it. ANY antenna will work ok. The CB antenna will give you a little gain at 27 MHz and probably at multiples of 27 MHz, too. I assume you will be swapping the coax manually when you switch radios. Don't try to rig up some way of having them both connected at once - the CB will cook the scanner when you transmit.
-Tom R. N1OOQ randolph@est.enet.dec.com

2910. ScanCat & ScanStar Demos

Newsgroup: rec.radio.scanner
Date: 1995-03-08 11:09:49 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <794660989snz@javiaton.demon.co.uk>
Source record: 260506
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,

With the authors permission I have uploaded the latest Demo versions
of ScanCat Pro (ver 5.02) from Computer Aided Technologies and ScanStar
Commerial (ver 4.23) from Signal Inteligence.

They both support a wide range of Scanners and Receivers including the
AR8000.

ftp to ftp.demon.co.uk and look in /pub/ham/scanners

Scancat is scancat.zip
Scanstar is sscomm.exe

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
\--/

2911. ar1000XLT book

Newsgroup: rec.radio.scanner
Date: 1995-03-08 11:42:00 UTC
From: wag.mok@woodybbs.com
Message-ID: <93.4338.7592.0NFB9770@woodybbs.com>
Source record: 260507

Could somebody please tell me where I could get the book for the AOR
AR-1000XLT scanner?

 QMPro 1.0 4 Don't let school interfere with your education.

2912. Re: Looking for LCD AlphaNumeric Uniden scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-08 13:06:32 UTC
From: watergate1@aol.com
Message-ID: <3jka4o$gl8@newsbf02.news.aol.com>
Source record: 260608

Uniden MR-8100. Many mixed reviews on this one. I owned one and loved it. The alpha is something you will love. The letters are big and easy to see (good idea in a mobile environment). It is rumored to be prone to intermod, but I never experienced this. They are becoming harder and harder to find as they have been out of production for a number of years. I sold mine a few years ago and bought some more sophisticated gear. Try some of the scanner related BBSs. They usually have a "for sale" section and you might find one there.

GOOD LUCK!!!

2913. Re: Indoor Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 14:45:41 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3jkful$gps@gazette.bcm.tmc.edu>
Source record: 260509

In article <3iuc5d$lsq@ixnews2.ix.netcom.com>, accroya@ix.netcom.com (James White) writes:
|> I live in a "planned community" that doesn't allow antennas on the
|> houses. I KNOW it's stupid, but they're pretty picky. A non-scanner
|> friend of mine told me about an antenna called the Eliminator that turns
|> your house wiring into a giant antenna. Though I have doubts about it,
|> can someone dissuade me from purchasing this - or tell me about my best
|> options. Most of my listening is in the 30-50 range, and the 450-470
|> range.
|>
|> Thanks for any help
|>
|> JW

A freind of mine had this probem also, he got around it by having a very large
oak tree in his back yard. He scaled up about 35 feet and mounted a small Ant.
there, it works very well.

tim

2914. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-08 16:25:12 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <3jklp8$rbl@mozo.cc.purdue.edu>
Source record: 260613

In article <Ry44Nfg.edellers@delphi.com>,
Ed Ellers <edellers@delphi.com> wrote:
>ChesterGeo <chestergeo@aol.com> writes:
>
>>I'm hoping to bring my scanner with me on an upcoming trip
>>to Los Angeles. Has anyone had any trouble getting a scanner
>>through the security checkpoint that I should be aware of? Will
>>the nice folks at the x-ray machine have their eyebrows raised, or
>>will they let me go on my way?
>
>The safest thing to do is to (1) have charged batteries in place and (2) have
>the radio programmed to come up on a non-controversial frequency such as
>weather radio. The guards may want to turn the set on to make sure it works,
>so they'll know that it isn't loaded with something other than batteries and
>circuitry.

I've had more trouble with the *antennas* than the radios.........

At one airport, I was carrying my scanner, HT, and a couple of
rubber-duck antennas in my briefcase. After going through the X-ray
machine, I got the "Can I look in your briefcase?". I figured it was
the radio with the battery pack, since this shows up as a dark lump
next to a bunch of circuits. The guard said he wasn't as interested
in that as he was the antennas, which showed up sort of like a spring,
since they were helically wound. Once he saw they actually were
antennas with radios to go with them, he let me through with no
trouble. Didn't even have to demo the radios for him.

I've also had those "Film Shield" bags X-rayed and nobody has ever had
me open them. Seems kind of odd, since they show up as a *big* black
lump and give no hint as to content.

--
Mark D. Conner - N9XTN Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907-1397 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

2915. Re: Recording receptions

Newsgroup: rec.radio.scanner
Date: 1995-03-08 16:42:10 UTC
From: cbbrown@ix.netcom.com
Message-ID: <3jkmp2$2eb@ixnews4.ix.netcom.com>
Source record: 260614

In <3jht57$n51@ornews.intel.com> Collier_Chun@ccm.hf.intel.com (Collier Chun) writes:

>
>In article <D51s8D.60p@eskimo.com>, kerhop@eskimo.com says...
>>
>>Greg_M (an132339@anon.penet.fi) wrote:
>>
>>: How can I connect my scanner to a tape recorder w/o overloading the
>>: recorder's input circuit? Is there a circuit that I could
>>: make to"cut down"
>>: the power coming out of the earphone jack? Thanks.
>>
>
>Radio Shack used to sell attenuator patch cords which will allow you to
>properly
>pad the speaker output from your scanner to your tape recorder's mike
>input. I don't know if they still do, but this is a fairly common
>need, so I
>would think that they would still carry this attenuating patch cord.
>

Radio Shack does still sell this cable. It is called an "Attenuating Audio Cable". It is cat# 42-2152A. I boutght one about a month ago for $3.49 and it work great with my BC-2500XLT and a RS Vox recorder.

--
****
* Clifford B. Brown III ** My complaint department rep is Helen Waite. *
* cbbrown@ix.netcom.com ** If you have a problem with anything that *
* 72337,3007 Compuserve ** I may say or do - Go to HELEN WAITE *
****

2916. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-08 17:12:08 UTC
From: Scott Blaha <sblaha@globalvision.net>
Message-ID: <3jkoh8$30h@globalnews.globalvision.net>
Source record: 260617

chestergeo@aol.com (ChesterGeo) wrote:
>
> I'm hoping to bring my scanner with me on an upcoming trip
> to Los Angeles. Has anyone had any trouble getting a scanner
> through the security checkpoint that I should be aware of? Will
> the nice folks at the x-ray machine have their eyebrows raised, or
> will they let me go on my way?
>
> (Note that I do not intend to use my scanner on the airplane and
> also do not intend to revive the "is it really OK to use my scanner
> on an airplane or will it truly crash like Delta says" debate).
>
> (Further note that LA frequencies/tips will be accepted).
>
> Chet

I flew cross country on Delta last summer and carried on my 2006. I
didn't even get a second glance from security. But then, you never
know what's going to happen from month to month. I am planning on
carrying it again this summer, so I am not particularly concerned.

Scott

2917. FS:scanner-$75!

Newsgroup: rec.radio.scanner
Date: 1995-03-08 17:21:51 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <3jkp3f$dsu@usenet.INS.CWRU.Edu>
Source record: 260618

Hello.
I am selling my Realistc PRO-57 scanner-
base or mobile, full frequency display, direct entry keypad, ext
ernal antenna jack, backlit display, 29-512mHz, in beautiful cond
ition, ready for monitoring action.

Am selling for $75 firm.

I will accept prepayment via money order, or I will ship UPS COD.

Thank you.
--
Eric Matthews
eb795@cleveland.freenet.edu

2918. READ NOW!!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-08 18:59:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9503081026094492@ectech.com>
Source record: 260514

Is there anyway of capturing up to date satellites photos from my
ACE AR1000XLT to my computer com port? Some sort of modular to digital
conversion I'm thinking?
---
* QMPro 1.52 * A penny saved is ridiculous.

2919. Wanted: Icom R-1 or R-100

Newsgroup: rec.radio.scanner
Date: 1995-03-08 19:08:42 UTC
From: domonkos@access.digex.net
Message-ID: <U2WNliubGg-C079yn@access.digex.net>
Source record: 260517

Looking for Icom R-1 or R-100 in excellent condition. Thanks.

Andy

2920. Target Dept. Freq

Newsgroup: rec.radio.scanner
Date: 1995-03-08 19:13:09 UTC
From: jon.stewart@nashville.com
Message-ID: <000004FF00001BF0@nashville.com>
Source record: 260531

I was wandering if anyone has the Freqs that the Target Dept. stores
use here in Tn.
They are using Motorola HT's

---
* WR 1.31 [NR] * UNREGISTERED EVALUATION COPY

2921. Re: Recording receptions

Newsgroup: rec.radio.scanner
Date: 1995-03-08 20:14:07 UTC
From: slush@VOA.GOV
Message-ID: <D551JJ.AnB@VOA.GOV>
Source record: 260522

In article <223408Z06031995@anon.penet.fi> an132339@anon.penet.fi writes:
>
>How can I connect my scanner to a tape recorder w/o overloading the
>recorder's input circuit? Is there a circuit that I could make to"cut down"
>the power coming out of the earphone jack? Thanks.

Several of the responses I've seen thus far mention various ways of
connecting the scanner to the microphone input of the recorder.

But the level of the scanner output is MUCH higher than what microphone-
level input expects....that's why several posters have noted that the
output level of the scanner should be turned WAY down.

If your recorder has a "line in" connection, that's the best way to
make the connection....and you won't have to worry about overloading
the recorder and creating tons of distortion.

If the recorder does not have a line-level input, then you're stuck
with using the mic input...and [as one followup noted] Radio Shack
in the U.S. sells a connector cable which will reduce the level enough
to avoid overloading the microphone input.

Hope this helps. Good listening!

Joe Gallagher (slush@voa.gov)
Due to budgetary considerations, the "Standard Disclaimer: Blah, Blah, Blah"
has been cut back to "Standard Disclaimer: Blah, Bla".

2922. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-08 20:42:18 UTC
From: Herrob <Bill.Herron@DaytonOH.attgis.com>
Message-ID: <D552uJ.Eq9@ranger.daytonoh.attgis.com>
Source record: 260479

The dayton Hamfest is the largest. The deals are usually good, you just have to look around till you find what you want. Living in the Dayton area I have been to about 3 of the Fest's.
~==========Dick Williamms, 3/5/95==========
~
~The last weekend in April is the Dayton Ham/Computer Fest for
~any interested parties. I have never attended this function
~before but from what friends tell me that have attended many
~times it is "something else"! From my understanding it is one
~of the largest of its' kind. I need some advice from people
~that HAVE attended functions of this nature. I have been
~looking at the Radio Shack Pro 43 & 62, but I have been holding
~off thinking that I will get a better deal in a scanner at this
~fest. Does one most generally find good deals at these fests?
~
~Thanks,
~Dick
~

1

2923. AM Broadcast on scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 21:30:10 UTC
From: gregjo@wordperfect.com
Message-ID: <gregjo-0803951430100001@pcgjohnson.orem.novell.com>
Source record: 260623

I'm a dangerously radio-challenged person with a simple question:
How come I can pick up standard AM broadcasts with a transistor
radio, yet can't hear a thing with my scanner? (example 1160 Khz).
I can pick up some shortwave stations by chucking a long wire out
my window, but nothing in the standard AM band. What does the
transistor radio have that my scanner doesn't? (I can get standard FM
broadcasts as well as TV audio).
Thanks.

2924. federal frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-08 21:46:32 UTC
From: RHASKE41@MAINE.MAINE.EDU
Message-ID: <95067.164632RHASKE41@MAINE.MAINE.EDU>
Source record: 260528

I'm looking for some commonly-used DEA, BATF and FBI frequencies. I have a list that includes about 10 different freqs for each organization, but don't have room for them all on my scanner. I'd like to pick the most commonly used ones, but I don't know which ones they are. Anyone have any suggestions? Thanks.

Ryan Haskell
RHASKE41@maine.maine.edu

2925. send

Newsgroup: rec.radio.scanner
Date: 1995-03-08 21:54:54 UTC
From: krstohr@csupomona.edu
Message-ID: <1995Mar8.135454@clstac>
Source record: 260624

Before I lost my programmed channels in my scanner I had a freq.
of the board operator on KFI 640 am. What I would hear was the board
operator talking to people, presumably on the other side of a glass
barrier. If no one was talking, the broadcast of the station could be heard.
What was interesting is that this broadcast seemed to be the undelayed and
uncensored pre-broadcast signal. Now I have lost it and can't find it.
KFI is in Los Angeles. Does anyone have this freq?
--
Kenj
KRStohr@CSUPomona.edu

1968 440 GTX
1969 383 RoadRunner
1965 289 Mustang

2926. BCT-7 modifications

Newsgroup: rec.radio.scanner
Date: 1995-03-08 22:19:33 UTC
From: Darrin Hill <dahill@globalcom.net>
Message-ID: <3jlahl$775@goodnews.globalcom.net>
Source record: 260481

Anyone have the mods for the beartracker 7 to restore cellular?

Thanks,

Darrin Hill

2927. Is my Pro-43 modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 22:49:53 UTC
From: tongth@studsys.mscs.mu.edu
Message-ID: <3jlcah$pii@studsys.mscs.mu.edu>
Source record: 260482
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,
I've just recently bought a Pro-43 and was wondering if it is
modifiable? Here are the numbers that can be found on the unit itself.

FCC ID: AA020-300
S/N : 068546

and inside by the batteries, there's a sticker with the following numbers:

9A3

Could some one please tell me if I am able to mod this unit or not.

Thanks in advance,

Thong

2928. Re: Faster Crystals = Faster Scan Rates?

Newsgroup: rec.radio.scanner
Date: 1995-03-08 23:51:52 UTC
From: heglowstein@bix.com
Message-ID: <3jlfuo$2ef@news1.delphi.com>
Source record: 260527

Pkhmah (pkhmah@aol.com) wrote:
: I replaced the 2MHz xtal in my PRO-34 with a 4MHz xtal, in an attempt to
: increase the scan rate. However the scan rate remained unchanged (8-10
: channels/sec). I tried a 10MHz xtal, and the scan rate still remained
: unchanged. I measured the scan rate by scanning a single bank of 20
: programmed channels (unprogrammed channels scan much faster, and do not
: give a measure of the actual scan rate). After installing the 10MHz xtal
: I noticed that the scanner seemed to scan just fine (although at its same
: slow speed), but would not lock onto a channel (could not tune my own
: cordless phone freq. on it)!

: Yes, I did change the microprocessor xtal and not a xtal on the RF board!
: In fact the micoprocessor crystal is the only xtal on the logic board!

: Anyway, does anyone have any idea why this is occurring? I would expect
: that a crystal that was too fast for the microprocessor would simply cause
: it to not function, or lock up!

: I would appreciate any comment or suggestions here. I am truly puzzled!

: Please email to pkh@mtc.aro.allied.com

: Thanks,

: Paul

They probably have some hardware timer they use for the scan period
instead of a simple software loop. Keep digging- you may find
a resettable timer (possibly a simple R/C circuit with a reset).
Put the microprocessor crystal back the way it was and tweak
the timer.

2929. Re: freq database

Newsgroup: rec.radio.scanner
Date: 1995-03-09 00:07:41 UTC
From: mhalvers@nermal.santarosa.edu
Message-ID: <3jlgsd$6qh@floyd.santarosa.edu>
Source record: 260483

David Alessi (davepa@moose.erie.net) wrote:
: Ron,
: The database called VhfLog is excellent for scan freqs, etc. even makes
: small format print outs for carrying around with the handhelds. It can be
: downloaded from Compuserve Ham Forum, I think, and it's zipped.
: dave

I have searched several archie servers....where can I get it!!!???!!!
thankx

Mark

2930. Re: NASCAR accessories?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 01:52:26 UTC
From: ergomike@in.net
Message-ID: <3jln0q$5dp@su2.in.net>
Source record: 260532

>
> Does anyone have suggestions where to get it?
>
>>>>
Consider too The Frequency Fan Club out of GA.
Their number is 1-800-RACE-FAN.
I attend 6 to 7 Indy Car and NASCAR races a year and these folks have
serviced me well through the years with scanners, spliters, headphones, etc.
They also attend most of the major races and will broadcast all the driver's
frequencies prior to the start of the race so you can monitor them.

2931. Test Mode or Mods for PRO-34

Newsgroup: rec.radio.scanner
Date: 1995-03-09 02:02:48 UTC
From: chrismck@hookup.net
Message-ID: <3jlnk8$5sk@relay.tor.hookup.net>
Source record: 260530

The 2-9-l/o trick is quite cute. Does anyone by chance
know of any mods/tricks for the PRO-34?

Bought it down in North Carolina 4'90.

Chris

2932. need frequ 4 ATLANTA, GA AND West Palm Beach,fl airports!!

Newsgroup: rec.radio.scanner
Date: 1995-03-09 02:47:16 UTC
From: bearcat911@aol.com
Message-ID: <3jlq7k$rih@newsbf02.news.aol.com>
Source record: 260539

HI all i need any frequ' s that have to do w/ ATLANTA, GA and West palm beach airports. I'm takeing a trike tomorrow to west palm beach with a layover in Atlanta ga. My starting point is nyc. If you know any of these frequ's please post or e-mail me.. thanks

mnl

2933. Re: Book??

Newsgroup: rec.radio.scanner
Date: 1995-03-09 02:57:07 UTC
From: engine270@aol.com
Message-ID: <3jlqq3$roh@newsbf02.news.aol.com>
Source record: 260487

Perhaps the most through book for New York and the Metropolitan area is Scanner Master's New York Metro/Northern New Jersey at $ 29.95 (list). They also have a pocke guide for New York Metro/Northern New Jersey at $ 13.95 (list). You can send them an E-mail and request a catalog: ScanMaster@AOL.COM. Joe

2934. Pro-2006/OPTO combo for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-09 03:27:52 UTC
From: Dan <71242.1774@CompuServe.COM>
Message-ID: <3jlsjo$3mg$1@mhadg.production.compuserve.com>
Source record: 260488

Radio Shack Pro-2006 scanner, MINT, with Cheek scan/search speed up and data squelch and cell mod. Plus peak tuning by Bill WITH OPTOELECTRONICS OPTO/456 computer interface installed. Total cost new $668.00. Will sell for $500.00 shipped.
E-Mail if interested. 71242,1774@Compuserve.CIS.COM
Dan

2935. A couple of questions...

Newsgroup: rec.radio.scanner
Date: 1995-03-09 03:34:57 UTC
From: accroya@ix.netcom.com
Message-ID: <3jlt11$rdi@ixnews3.ix.netcom.com>
Source record: 260489

Hello all,
Because previous questions of mine were answered so well here, I hope you don't mind if I ask a few here.

1. Will a conversion kit work on a Bearcat BC350A? It only has 406-512Mhz. I'd like to get 800Mhz on it. (I'm sure I'll be advised to get a new scanner, but I'm only looking at this as a temporary solution)

2. These 2 frequencies are baffling me - 464.8375 and 491.5375 - because they have what sound like phone conversations on them. I only know of the 46/49 and 900Mhz cordless, and the 800Mhz cellular phones. Are there any "new" frequencies I don't know about?

3. Is there a difference between a scanner with "Total Coverage" and one with "Continuous Coverage" ?

4. When I finally decide to upgrade scanners, what features should be VITAL in my decision? Any recommendations?

I know this is alot to ask, but I figure I'll get it out of the way in one shot.

Thanks in advance for any help...
James

2936. Springfest '95

Newsgroup: rec.radio.scanner
Date: 1995-03-09 03:40:50 UTC
From: arca@phx-az.com
Message-ID: <9503082041586304@phx-az.com>
Source record: 260503

F.A.R.E.

ARCA PRESENTS ARRL

THE AMATEUR RADIO COUNCIL OF ARIZONA

SpringFest '95
ARCA ARRL
At Scottsdale Community College
Located East Of Pima Road On Chaparell

TALK-IN: 146.76-

SCOTTSDALE, ARIZONA

MARCH 11, 1995

MAIN PRIZES FREE ADMISION
---------- TAILGATING $5.00
PARKING $2.00
Grand Prize > $500.00 Gift Certificate
Second Prize > $300.00 Gift Certificate CAMPING:
Third Prize > $200.00 Gift Certificate After 3:00 P.M. Friday
Early Bird > $50.00 Gift Certificate NO Hookups
Self Contained ONLY
HOURLY DOOR PRIZES
MUST BE PRESENT TO WIN.

TICKETS: $1.00 EACH OR 6 FOR $5.00

T-HUNT SEMINARS YOUTH PROGRAMS LECTURES MEETINGS

VE EXAMS:
REGISTRATION: 8:00-10:30 A.M.
You MUST have original and one copy of your license and/or any applicable
C.S.C.E. Photo I.D. Required. WALK-INS ONLY. For Exam Information Call:
Dave Kelley, AA7TQ at 602-963-3527

NO-CODE TECHNICIAN CLASS

For Information and registration contact:
Morgan Riley, N7DLW at 602-938-4356

NO FIREARMS, BOOZE, DRUGS ALLOWED ON CAMPUS.
ALL PETS MUST BE ON A LEASH.

ARIZONA TAX REGULATIONS WILL BE IN EFFECT.

This is an ARRL Sanctioned EVENT.

For More Information Call F.A.R.E. - Len Winkler, KB7LPW at 602-861-0303
Or ARCA - Mark Kesauer, N7KKQ at 602-843-0960

OR VIA E-MAIL: ARCA@PHX-AZ.COM
FAX: 912-0426

2937. Standard C558A HT for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-09 03:41:06 UTC
From: Dan <71242.1774@CompuServe.COM>
Message-ID: <3jltci$4iq$1@mhade.production.compuserve.com>
Source record: 260492

1
Standard C558A dual band HT with extended TX & RX mod, air, full 800 RX, extended memory channels to 100 each side with rapid drop in charger. Cost over $700 new. $475.00 shipped.
E-Mail to 71242,1774@Compuserve.CIS.COM
Dan

2938. Larsen NMO 2/70 antenna for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-09 03:42:30 UTC
From: Dan <71242.1774@CompuServe.COM>
Message-ID: <3jltf6$4iq$2@mhade.production.compuserve.com>
Source record: 260493

Larsen NMO 2/70 with MM mag mount, coax, dual band mobile antenna...$45shipped. E-Mail to 71242,1774@Compuserve.CIS.COM
Dan

2939. Re: NASCAR accessories?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 04:08:01 UTC
From: radioman@ix.netcom.com
Message-ID: <3jluv1$h7k@ixnews4.ix.netcom.com>
Source record: 260494

In <3jln0q$5dp@su2.in.net> ergomike@in.net writes:

>
>>
>> Does anyone have suggestions where to get it?
>>
>>>>>
>Consider too The Frequency Fan Club out of GA.
>Their number is 1-800-RACE-FAN.
>I attend 6 to 7 Indy Car and NASCAR races a year and these folks have
>serviced me well through the years with scanners, spliters, headphones,
etc.
>They also attend most of the major races and will broadcast all the
driver's
>frequencies prior to the start of the race so you can monitor them.
>
>

What frequency do they use for the "Frequency Broadcast" before the
race???

2940. Re: All-band scanner beam?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 04:42:17 UTC
From: gziolkowsk@aol.com
Message-ID: <3jm0v9$o8@newsbf02.news.aol.com>
Source record: 260543

Right off hand, yes. There is a company that sells two versions of a Log-periodic antenna. One version is 25-2000 MHz, the other 136-2000 MHz (I think). An aquaintance of mine has had both, and they work great! Priced around $250. Check the Ham rags- I believe the company name is Create Products.

2941. VHFLOG.ZIP

Newsgroup: rec.radio.scanner
Date: 1995-03-09 04:58:08 UTC
From: mhalvers@nermal.santarosa.edu
Message-ID: <3jm1t0$bip@floyd.santarosa.edu>
Source record: 260545

Okay, I have been looking for this piece of software and can't find it!

Any Ideas?

Also, I put out a listing of frequiencies in the Bay Area and Around the State of California, I am looking for a GOOD frequency database, to allow printing or exportation to a word processor....I want to it to look similiar to Robert Kelty's Book Government Radio System...I just talked with him today and he was telling me that he has been unable to find anything to work for him so he just uses Word Perfect!!! (he not computer with it!)
thankx
Mark

2942. AR8000 TRY YOUR "EX"

Newsgroup: rec.radio.scanner
Date: 1995-03-09 05:08:40 UTC
From: bbjamin@aol.com
Message-ID: <3jm2go$190@newsbf02.news.aol.com>
Source record: 260496

8000 "EX" Fnc. Problems!

RE: "EX" Command for the AR-8000 interface won't work for me!

I can not get the "EX" command to work. Example - While using different commands via [Computer ::Interface:: AR-8000] (all of which work great) I can not get the "EX" command to function, the AR-8000 beeps like it excepted the command but I can not use the keypad as the Manual explains, until I manually push [LOCAL] on the 8000 key pad.

Can someone try your "EX" command and tell me if yours works!?

Thanks.............Ben

Please E-Mail BBJAMIN@aol.com

2943. Book??

Newsgroup: rec.radio.scanner
Date: 1995-03-09 05:21:10 UTC
From: scan911@aol.com
Message-ID: <3jm386$1f7@newsbf02.news.aol.com>
Source record: 260497

You need Scanner Master. Has it all. Call (800) SCAN-701.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2944. Scanning cruise liners

Newsgroup: rec.radio.scanner
Date: 1995-03-09 05:27:50 UTC
From: scan911@aol.com
Message-ID: <3jm3km$1jh@newsbf02.news.aol.com>
Source record: 260499

The cruiseliners primarily use the VHF marine freqs, including the
international channels. Scan all of them and you'll have fun.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2945. Pro-43 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-03-09 05:29:03 UTC
From: crscasio@sirius.pixi.com
Message-ID: <3jm3mv$366@rigel.pixi.com>
Source record: 260500

[No readable article body recovered]

2946. Pro-43 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-03-09 05:32:00 UTC
From: crscasio@sirius.pixi.com
Message-ID: <3jm3sg$366@rigel.pixi.com>
Source record: 260501

```
Pro-43 for Sale, modified for 800Mhz, no manual
$ 175.00 shipping not included
Lawrence, crscasio@pixi.com
```

2947. FS: Pro-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-09 05:52:06 UTC
From: stewart@crl.com
Message-ID: <3jm526$p9@crl12.crl.com>
Source record: 260504

[No readable article body recovered]

2948. Re: Icom IC R1 full 800mhz *UNBLOCKED* FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-09 06:04:11 UTC
From: Marcelo Oscar Guevara <argentin@shadow.net>
Message-ID: <Pine.SUN.3.91.950309010320.10116B-100000@anshar.shadow.net>
Source record: 260505

the $350 range is US dollars or Canadian?

somos lo que somos, o somos los que estamos, si no somos los que somos,
para que somos los que estamos?
Marcelo O. Guevara

On Tue, 7 Mar 1995, Andy Domonkos wrote:

> In article <3jiha4$6dl@anshar.shadow.net>, you wrote:
> > for sale a used R1 asking $500 E-mail me at ARGENTIN@SHADOW.NET
>
> Is that US dollars or Canadian? They sell anywhere from $275 - $350.
> I'd be interested if it was in the $350 range.
>
> Andy
>

2949. Looking for a way to restore 800 mhz band

Newsgroup: rec.radio.scanner
Date: 1995-03-09 06:06:51 UTC
From: 92003623@white.lambton.on.ca
Message-ID: <3jm5tr$k01@white.lambton.on.ca>
Source record: 260512

Hi there I have a PRO-2027 scanner and I need a way to restore my 800 mhz band. It it currently locked out. If some one has an article about this can they please post it on here or mail me a copy of this article. I would really appreciate it.
Jamie

2950. Wanted: Seattle freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-09 08:47:26 UTC
From: komo@halcyon.com
Message-ID: <komo.9.0008CAB1@halcyon.com>
Source record: 260518

Anybody have a current list of reliable freqs for W. Washington, specifically Seattle/Tacoma area. I particularly need new 800MHz trunked freqs for police and fire.

Thanks in advance!

Lee Hall
KOMO Radio/Seattle

2951. Re: Any good frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 09:43:54 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D56316.MAK@ssbunews.ih.att.com>
Source record: 260535

In article <3jjrag$fm3@newsbf02.news.aol.com>,
Iceman3207 <iceman3207@aol.com> wrote:

>Need frequencies of anything, anywhere. Sports teams, police, fire,
--------- --------
>ambulance.

Why?

> Give them all.

How will you use this information? This seems like an odd request.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

2952. Radio Shack PRO-62 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-09 10:27:38 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.419.007F9058@mail.mei.com>
Source record: 260515
Cross-posted to: rec.radio.swap,rec.radio.scanner

For Sale: Radio Shack PRO-62 Scanner

200 channels (in ten banks of 20 channels/bank)
Triple conversion receiver (kills intermod and images).

VHF Aircraft AM, VHF/UHF FM and 800/900 MHz
CANNOT be modified to receive cell phones.

Only TWO months old. Like-new condition.

List price: $299. Best Radio Shack sale price: $219.

Will sell for $185 FIRM (includes UPS shipping and COD).

--
Just a Sticky Wheel on the Grocery Cart of Life

kevin.jessup@mail.mei.com ** I prefer PGP encrypted Email **

2953. Re: AM Broadcast on scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 11:16:06 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-090395061023@132.226.103.40>
Source record: 260511

In article <gregjo-0803951430100001@pcgjohnson.orem.novell.com>,
gregjo@wordperfect.com (Greg Johnson) wrote:
>
> I'm a dangerously radio-challenged person with a simple question:
> How come I can pick up standard AM broadcasts with a transistor
> radio, yet can't hear a thing with my scanner? (example 1160 Khz).
> I can pick up some shortwave stations by chucking a long wire out
> my window, but nothing in the standard AM band. What does the
> transistor radio have that my scanner doesn't? (I can get standard FM
> broadcasts as well as TV audio).
> Thanks.

So Greg, you're kidding us ...right ??

The simple answer is that 1160 kHz is = 1.16 MHz and your scanner probably
isn't able to receive that frequency. Few are. Your AM transistor radio
is specifically designed to receive those frequencies between 530 kHz to
~1800 kHz,
i.e. .53 MHz to 1.8 MHz.

Your scanner is OK, Greg. Keep up the hobby, it's a great one.
Happy Scanning and Good Luck with the airwaves.

casato_jc@atc.alcoa.com

2954. Re: first scanner question

Newsgroup: rec.radio.scanner
Date: 1995-03-09 11:28:50 UTC
From: dhughes@prairienet.org
Message-ID: <3jmopi$cml@vixen.cso.uiuc.edu>
Source record: 260510

In a previous article, rogue@indirect.com (rogue) says:

>hello all, i have read the FAQs, and i still have a question that maybe
>someone out there can answer. i am looking for recommendations for a low
>cost, easily cellular modifiable, handheld scanner. from reading the FAQs,
>and popular communications, two models have stood out so far, the bearcat
>220xlt, and the realistic pro-34. are there any others as good or better
>than those for less than $200, and if i buy a brand new one off of the
>shelf, will i be able to modify it with plans i have obtained from the
>ftp sites and various cd-roms?
>
>--
>rogue
>
>

I've owned both the 220 and 34, and even though the cell jumps on the 220
are out of synch, it still picked up over twice as many signals as the
34. I'd go with the 220 any day. ---Dan
--

2955. History of communications with W8PAL--ASPE meeting 3/15

Newsgroup: rec.radio.scanner
Date: 1995-03-09 12:42:20 UTC
From: sjbaer@aztec.inre.asu.edu
Message-ID: <3jmt3c$4g4@news.asu.edu>
Source record: 260546

ARIZONA SOCIETY OF PROFESSIONAL ENGINEERS
PAPAGO CHAPTER MARCH MEETING

Wednesday, March 15th at Monti's, 3 West First Street (Mill Ave.
and First Street) in Tempe, AZ.

SPEAKER and TOPIC: Al Gross (W8PAL) of Orbital Sciences Corp.
will talk about the history of portable communications. Al has
been an innovator in the invention of many types of portable and
hand-held communications equipment.

Networking at 6:30pm, dinner at 7:00pm, program at 8:00pm.

The price is $12.00 for a tsteak at Monti's. Bring a friend
or a colleague to this or any Chapter meeting. You need not be
a P.E. to attend. Even non-engineers are welcome.

For reservations, please contact Jim Guyaux, P.E. at 602-893-5729
or you may e-mail to Scott Baer, P.E., at sjbaer@aztec.inre.asu.edu

--
Scott J. Baer, P.E.
Amateur Radio N7TXA
sjbaer@aztec.inre.asu.edu

2956. scan db prgm

Newsgroup: rec.radio.scanner
Date: 1995-03-09 13:23:40 UTC
From: David Alessi <davepa@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950309081420.6945A-100000@moose.erie.net>
Source record: 260553

Some of you were asking about a scanner data base that would be good for use
with a scanner and would help organize freqs...there is a neat one
called TUNE-IN.ZIP in the Hamnet forum of Compuserve which is shareware
and is great....even creates printouts small enough to carry around with
a handheld. I wrote to Dave Carroll, the author and he would like to post
it on the net but doesn't know how or where, and neither do I.
He can be reached at 72622.563@Compuserve.com

Dave 74067.563@Compuserve.com
davepa@moose.erie.net

2957. Base vs Mobile

Newsgroup: rec.radio.scanner
Date: 1995-03-09 14:14:19 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3jn2fr$itp@gazette.bcm.tmc.edu>
Source record: 260556

After scanning the traffic on this newsgroup it's clear that most people have mobile scanners, why ? Most seem to scan the same stuff I do police EMS etc... I understand some people carry their units with them to races and events. Does a mobil unit have a advantage over a base that I don't know about ?

I have a model 2030 RS base, it seems like a good scanner for the price 150.00. I don't ever here the 2030 mentioned here :-(

Scan on !!
tim

2958. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-09 14:35:04 UTC
From: rpollock@knowton.synapse.net
Message-ID: <rpollock.51.04D3D827@knowton.synapse.net>
Source record: 260520

: >Fran, your post mistakenly implies that these states outlaw mobile
>: >scanners for everyone. I know that Indiana, for example, allows hams to
>: >have scanners in their vehicles. If you are going to post such a list,
>: >you should give the exceptions too.
>: >--
>: Minnesota allows you to have scanners in your car if your a ham too.

>Actually, all of those states exempt hams from the applicable law(s).
>Only one of those states (Michigan I believe) specifies that to have
>the ham exemption you must be a technician class or higher (therefore
>a ham with a novice license is excluded from the exemption).

>--
>Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
>This is my opinion and I don't care about what anyone
>thinks because this is a personal internet account :-)

Why in the world would a ham be be allowed to use a mobile scanner and
nobody else? Why would it be a crime to anyone else? What makes the ham
operator so privlaged? It doesn't make sense!

Ron.

2959. Re: Is my Pro-43 modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 15:32:47 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <D56J6o.GC7@melpar.esys.com>
Source record: 260513
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3jlcah$pii@studsys.mscs.mu.edu>, tongth@studsys.mscs.mu.edu (Thong Tong) writes:
|> Hi,
|> I've just recently bought a Pro-43 and was wondering if it is
|> modifiable? Here are the numbers that can be found on the unit itself.
|>
|> FCC ID: AA020-300
|> S/N : 068546
|>
|> and inside by the batteries, there's a sticker with the following numbers:
|>
|> 9A3
|>
|> Could some one please tell me if I am able to mod this unit or not.

The cell phone mod WILL work.

```
**********************************************************
* The trouble with doing something right the first time *
* is that nobody appreciates how difficult it was. *
* *
* John L. Wierzbicki Senior Engineer *
* jwierzbicki@melpar.esys.com Centerville, Va. *
**********************************************************
```

2960. Re: Toronto Frequency Lis

Newsgroup: rec.radio.scanner
Date: 1995-03-09 16:12:00 UTC
From: rocky.theoret@undiscovered.com
Message-ID: <8A522A0.1570001B6F.uuout@undiscovered.com>
Source record: 260525

-=> Quoting Michael Chwalka to All <=-

MC> Does anyone know of a listing more up to date than the
MC> '93 Harteq Scanner Book?

I was in the Radio Shack today (Windsor, Ont.) and they
said the latest version they have available was the
"10th anniversary edition". I assume you have this one.
I also have a copy of this one but there is no year[`93]
marked on it.

I have been asking for an updated version of it myself. If
I do happen to find one, I'll keep your address and let you
know. Please do the same for me.

Rocky Theoret

E-mail to rocky.theoret@undiscovered.com

PS -- the crooks put a $26.95 sticker over the original
price of $21.95 stamped on the book.

... I'm as confused as a baby at a topless bar!
___ Blue Wave/QWK v2.11

2961. Re: ar1000XLT book

Newsgroup: rec.radio.scanner
Date: 1995-03-09 16:23:19 UTC
From: gregjo@wordperfect.com
Message-ID: <gregjo-0903950923190001@pcgjohnson.orem.novell.com>
Source record: 260516

In article <93.4338.7592.0NFB9770@woodybbs.com>, wag.mok@woodybbs.com (Wag Mok) wrote:

> Could somebody please tell me where I could get the book for the AOR
> AR-1000XLT scanner?
>
> ---
> • QMPro 1.0 4 • Don't let school interfere with your education.

The manual that came with mine is a skimpy 10 pages from ACE Communications. If you have questions, I'll be happy to type in the answer from the manual (within reason - 1/2 a page or so...)

2962. Re: Bearcat 211

Newsgroup: rec.radio.scanner
Date: 1995-03-09 17:16:20 UTC
From: matt@ua.nsw.ac.uk
Message-ID: <matt.16.0011463E@ua.nsw.ac.uk>
Source record: 260558

In article <3j17fb$8lf@newsbf02.news.aol.com> karenbr194@aol.com (KarenBR194) writes:
>From: karenbr194@aol.com (KarenBR194)
>Subject: Bearcat 211
>Date: 1 Mar 1995 02:24:27 -0500

>Does anyone know where I can find a schematic for a 1978 Bearcat 211,
>Serial #0080. Manufactured by Electra Company? A friend cleaned out his
>basement and gave it to me. I plugged it in and it worked for about 30
>seconds and quit. Phooey!

Try asking about this on something like sci.electronics.repair. You'll
probably be told it's an electrolytic capacitor in the power supply
section gone bad. Or even something as simple as a fuse on the circuit
board.

Matt

2963. Realistic Pro-34 FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-09 17:44:19 UTC
From: dlarson@UWYO.EDU
Message-ID: <1995Mar9.104419.9030@roper.uwyo.edu>
Source record: 260547

```
REALISTIC PRO-34 200 CHANNEL SCANNER FOR SALE
Less than 4 years old. Never dropped or otherwise abused.
This scanner is in great condition. Asking $175.00
Call Don at (307) 721-8959 or
e-mail at dlarson@uwyo.edu
Includes original packaging and owner's manual,
and covers the following frequencies:
30-54 MHz
108-174 MHz
380-512 MHz
806.0000-823.9375 MHz
851.1125-868.9375 MHz
896.1125-960.0000 MHz
I understand that this unit is modifiable for complete 800 MHz coverage
and also 66-88 MHz, although I have not performed these mods.
Serial No. 979930 if it matters to you.
---Donald Larson---
---Laramie Wyoming---
```

2964. Re: Is my Pro-43 modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 20:00:20 UTC
From: heglowstein@bix.com
Message-ID: <3jnmok$d4i@news1.delphi.com>
Source record: 260519
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Thong Tong (tongth@studsys.mscs.mu.edu) wrote:
: Hi,
: I've just recently bought a Pro-43 and was wondering if it is
: modifiable? Here are the numbers that can be found on the unit itself.

: FCC ID: AA020-300
: S/N : 068546

: and inside by the batteries, there's a sticker with the following numbers:

: 9A3

: Could some one please tell me if I am able to mod this unit or not.

: Thanks in advance,

: Thong
You shouldn't have any trouble with the band expansion mods
on that pup.

2965. Re: NASCAR accessories?

Newsgroup: rec.radio.scanner
Date: 1995-03-09 21:00:15 UTC
From: ergomike@in.net
Message-ID: <3jnq8v$119@su2.in.net>
Source record: 260521

> radioman@ix.netcom.com (Mark Sugarman) writes:
> In <3jln0q$5dp@su2.in.net> ergomike@in.net writes:
>
> >
> >>

> What frequency do they use for the "Frequency Broadcast" before the
> race???
>
>>>>
It varies from race to race. If you are going to the Atlanta or Darlington race, try monitoring 465.775

They do not begin to give out frequencies until 5 minutes prior to the start of the race.

They also usually have a trailer selling scanners and supplies where ever they set up suvinoir alley at the tracks.

Hope this helps.

2966. Pro 43 need info

Newsgroup: rec.radio.scanner
Date: 1995-03-09 21:07:51 UTC
From: stavros@agora.rdrop.com
Message-ID: <D56yp3.JB8@agora.rdrop.com>
Source record: 260526

Is there a mod for the Pro 43 to enable the cb freqs on it, or should I just get a different scanner?

TTFN

Steven

2967. Re: Test Mode or Mods for PRO-34

Newsgroup: rec.radio.scanner
Date: 1995-03-09 22:04:52 UTC
From: ddillon@csulb.edu
Message-ID: <3jnu24$gfb@garuda.csulb.edu>
Source record: 260565

Chris McKernan (chrismck@hookup.net) wrote:

: The 2-9-l/o trick is quite cute. Does anyone by chance
: know of any mods/tricks for the PRO-34?

What is the 2-9-l/o trick.
Ive never heard of such a thing.
Dan

2968. Carnival Cruise Line Freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-09 23:41:33 UTC
From: John Fogg <foggjohn@mfpmail.infonet.com>
Message-ID: <3jo3nd$5jd@svna0001.clipper.ssb.com>
Source record: 260524

I'm going on a Carnival Cruise and would like to know if anyone knows
any good freq's that the ship may be transmitting or receiving on.
Either internally on the ship or externally such as ship to shore or
navigational.

The ship will be the Sensation.

2969. Oregon Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-10 00:37:00 UTC
From: clay.juckett@ptonline.com
Message-ID: <8A52499.18C9000036.uuout@ptonline.com>
Source record: 260433

I am travelling to Oregon in April and would like scanner frequencies for Portland area, or state frequencies, or Lake Oswego (just South of Portland) or anything else really neat.

Please E-mail me at:
clay.juckett@ptonline.com

Thanks...
Clay

2970. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-10 00:38:53 UTC
From: stavros@agora.rdrop.com
Message-ID: <D578Gu.Mpz@agora.rdrop.com>
Source record: 260534

In article <Pine.LNX.3.91.950306044727.3854B-100000@moose.erie.net>,
Richard Williams <richlw@moose.erie.net> wrote:
>
>
>On 6 Mar 1995, Lawrence Lee wrote:
>
>> Richard Williams (richlw@moose.erie.net) wrote:
>> : Received an interesting catalog the other day wherein a Uniden Bearcat
>> : was advetised. It is a 100 channel "Turboscan" that scans 100 channels
>> : per second. "Has data skip and memory backupthat retains frequencies for
>> : up to 3 days without batteries. Has rechargeable nicad battery pack, AC
>> : adapter." Unfortunately there is no model number listed. Anyone
>> : familiar with the above described scanner and/or has any advice about the
>> : quality of Bearcat handhelds please reply as I am looking for one.
>>
>> From the things you listed it sounds like it is a Uniden Sportcat
>> Scanner. The model number is SC150Y/B (I'm in Canada so it might be
>> different for you).29MHz to 956MHz, 100 channel memory, Twin turbo scan
>> up to 100ch./sec. preprogrammed band search, uniqu data skip. That last
>> bit made me think it was the same model, but I could be wrong. They cost
>> about $470CDN, but at a recent sale you could have picked one up with
>> taxes for $280US. Not bad... I would suggest you get a copy of a spec
>> comparison or review... I luckily got one form a kind user with great
>> information to help my decision between a Bearcat and a Pro-43
>Yep, your description sounds like the one advertised. The price here in
>the States is $200 according to the catalog I was reading. So what did
>you buy? The Pro-43 or the Bearcat? BTW, this scanner (I forgot to

I just saw the SportCat advertised for $174.xx in one of the scanner
magazines... And no, I don't remember which one, I didn't buy it at the
time, just looked through it...

TTFN

-Steven

`

2971. Tropez phones

Newsgroup: rec.radio.scanner
Date: 1995-03-10 01:20:14 UTC
From: jeff l liberman <jeffl@evansville.net>
Message-ID: <Pine.SOL.3.91.950309191435.1893A-100000@world.evansville.net>
Source record: 260529

I talked in depth to V tech (Tropez phones) today.

They have had a FEW calls on the clear monitoring of their scrambled phones
on 444.800.

They like me CAN NOT say this is true I found a carrier at that freq from
the phone.

But NO voice signal at all.There was nothing at all that you could tell
was a phone call, no voice,no dial tone , nothing .

tropez is very concerned about this and if ANYONE has this problem witha
Tropez phone they want to look at it.

Tropez 1-800-624-5688
Fax 1-503-644-9887

Jeff

2972. Re: Wanted: Seattle freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-10 02:31:25 UTC
From: chrismck@hookup.net
Message-ID: <3jodlt$4ci@relay.tor.hookup.net>
Source record: 260533

In article <komo.9.0008CAB1@halcyon.com>, komo@halcyon.com (Lee Hall) says:
>
>Anybody have a current list of reliable freqs for W. Washington, specifically
>Seattle/Tacoma area. I particularly need new 800MHz trunked freqs for police
>and fire.
>
>Thanks in advance!
>
>Lee Hall
>KOMO Radio/Seattle

Lee,

You probably already have the freqs, but I'll give them to
you anyway (I used them a month ago while I was down in Seattle):

Data 460.375
Wants/Warrants 460.425
South Precinct 460.475
North " 460.075
East " 460.125
West " 460.175
Tactical 460.250

How about this one : 450.4125

Bet you know that one...

Chris
TO, Canada

2973. Canada Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-03-10 02:46:26 UTC
From: scan911@aol.com
Message-ID: <3joei2$90o@newsbf02.news.aol.com>
Source record: 260538

My family will be spending some time driving around in Ontario and Quebec this summer. Wondering whether we will run into any mobile scanning laws or problems. I have been in each province for short periods in the past without problems, but wonder what the official word is. Also have two-way equipment for 460-465 typs stuff in the mobile, too.

Thanks!


```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

2974. Shack stuff for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-10 02:56:16 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <3jof4g$d85@usenet.INS.CWRU.Edu>
Source record: 260537

Hello.

I have these two items for sale:

Realistic DX-375 digital shortwave radio-$75.

Realistic PRO-57 base/mobile scanner-$75.

Prices are firm. Contact me for further details.

Thank you.
--
Eric Matthews
eb795@cleveland.freenet.edu

2975. Re: VHFLOG.ZIP

Newsgroup: rec.radio.scanner
Date: 1995-03-10 03:09:10 UTC
From: murple@clark.net
Message-ID: <3jofsm$dn7@explorer.clark.net>
Source record: 260536

mhalvers@nermal.santarosa.edu (Mark Halverson) writes:

>Okay, I have been looking for this piece of software and can't find it!

>Any Ideas?

>Also, I put out a listing of frequiencies in the Bay Area and Around the
>State of California, I am looking for a GOOD frequency database, to allow
>printing or exportation to a word processor....I want to it to look similiar
>to Robert Kelty's Book Government Radio System...I just talked with him
>today and he was telling me that he has been unable to find anything to work
>for him so he just uses Word Perfect!!! (he not computer with it!)
>thankx
>Mark

Have you considered using a spreadsheet? I maintain my frequency database
with Quattro Pro, and it works nice, prints up nice, and lets me
edit/sort the list easily, and look up frequencies easily.

2976. HELP! pro-2036 mods 800/etc

Newsgroup: rec.radio.scanner
Date: 1995-03-10 03:35:42 UTC
From: martysolem@aol.com
Message-ID: <3johee$9tm@newsbf02.news.aol.com>
Source record: 260542

I am going to buy a new base scanner and am considering the pro-2036 or the like. would like info on modifications if any are known -or- suggestions on other models that lend well to mods at a reasonable price.. thanx in advance!

2977. Re: Plano, TX. Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-10 03:48:46 UTC
From: Gordon Nodrog <gordon@metronet.com>
Message-ID: <3joi6u$1fp@feenix.metronet.com>
Source record: 260541

> What are the odds of your posting the frequencies for those of us
> who don't freqent bulletin boards? Too big? Hassle?
>
> Just wondering ...
>
> RG
As per your request.

Plano Freqs,

821.150
821.175
821.650
821.675
822.150
822.175
822.650
822.675
823.275
823.300

866.150
866.175
866.650
866.675
867.150
867.175
867.650
867.675
868.275
868.300

Ivan
iwsmp@metronet.com
The Scanniest Blackboard
214-618-1278

2978. Re: Plano, TX. Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-10 03:59:42 UTC
From: Gordon Nodrog <gordon@metronet.com>
Message-ID: <3joire$75i@feenix.metronet.com>
Source record: 260544

> > What are the odds of your posting the frequencies for those of us
> > who don't freqent bulletin boards? Too big? Hassle?
> >
> > Just wondering ...
> >
> > RG
> As per your request.
>
> Plano Freqs,
>
> 821.150
> 821.175
> 821.650
> 821.675
> 822.150
> 822.175
> 822.650
> 822.675
> 823.275
> 823.300
>
> 866.150
> 866.175
> 866.650
> 866.675
> 867.150
> 867.175
> 867.650
> 867.675
> 868.275
> 868.300
>
>
> Ivan
> iwsmp@metronet.com
> The Scanniest Blackboard
> 214-618-1278
>
>

2979. Re: pro-51

Newsgroup: rec.radio.scanner
Date: 1995-03-10 04:17:32 UTC
From: Mark <hammark@delphi.com>
Message-ID: <5A+4In8.hammark@delphi.com>
Source record: 260551

Joe Balenzano <jpb@dart.thomsoft.com> writes:

>I own a Pro-51 also. My only complaint about it, since it does
>not use triple conversion, it gets a lot of images. The nice
>thing about the images, is that one can hear a good deal of the
>celluar frequencies on 894-915Mhz if someone (not me...) wishes to
>do so.

Im getting plenty of cellular on 900-915mhz. Iwas wondering why...

2980. Radioshack Laser detecter? Any Good?

Newsgroup: rec.radio.scanner
Date: 1995-03-10 06:42:15 UTC
From: MELDR@ix.netcom.com
Message-ID: <3josc7$p2n@ixnews4.ix.netcom.com>
Source record: 260548
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anybody know how good this radar detector is Cat no 22-1647. How good is a laser detector anyway. I'm told that once it picks up laser, Its too late.

2981. Re: Decoding

Newsgroup: rec.radio.scanner
Date: 1995-03-10 09:17:55 UTC
From: metzm@rpi.edu
Message-ID: <3jp5g3$5q@usenet.rpi.edu>
Source record: 260554

In message <3jfg8n$otj@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>In article <3jdobg$o63$1@adelaide.DIALix.oz.au>,
>Matthew Volkmer <matthew@adelaide.DIALix.oz.au> wrote:
>>
>>
>>Can anyone help me with a small query?
>>
>>Is there any way I can use my PC to decode some of the data tranmissions
>>that I hear on my scanner. Such as ACARS or other similiar things?
>>
>>I am able to plug my scanner into the MIC socket on my SOUNDBLASTER card
>>and I can use software to listen/record the scanner tranmissions. So is
>>it possible to use some other type of software in the same sort of way
>>but to decode data.
>>
>>Any ideas?
>>
>>Many Thanks
>>matthew@adelaide.DIALix.oz.au
>>
>
>
>The Universal M-400 and m-8000 will decode ACARS. The M-400 sells for
>$400 and the 8000 for around $1300. Take a look through Monitoring Times
>for a picture of the M-400 and a listing of the modes it decodes.
>
>Les
>
>--
>Les Butler KB8WKE "Fire Notification Network of Michigan"
>Detroit's First and Largest Paging Notification Network.
>Call (810)772-4423 For Information.
>lbutler@umcc.umich.edu or 72673,321@compuserve.com

I have some files that may be of interest to you. Both decod DTMF signals using:

-realtime via soundblaster
-digitized sound files: .WAV, .VOC

These files are available via anonymous ftp:

128.113.95.30

/files/hack/radio/dtmf*.zip

Michael Metz, Undergraduate
Computer and Systems Engineering
Rensselaer Polytechnic Institute

2982. Re: Measures-Countermeasures

Newsgroup: rec.radio.scanner
Date: 1995-03-10 09:20:46 UTC
From: metzm@rpi.edu
Message-ID: <3jp5le$5q@usenet.rpi.edu>
Source record: 260555

In message <3jfv7h$jb7@bubba.ucc.okstate.edu>, martin@dc.cis.okstate.edu (Martin McCormick) writes:

>
> I am one of the people who thinks that the communications act of 1934
>made good sense. I am also one of those people whose behavior hasn't changed
>one bit just because a bunch of lobbiest paid a bunch of lawyers to spread
>ink on paper and burden our legal system with more proscriptions even though
>we can't keep up with the real crimes that actually do harm our way of life.
>
> It seems that all the ECPA did was to raise the price of
>pre-lobotomised scanners and create a knowledge base for those who want to
>restore banned coverage segments. I wonder how it ultimately will effect
>sales of scanners when there is no longer any easy way to restore
>full coverage? After all, part of the excitement of scanning has always been
>being able to hear anything that is out there.
>
>Martin McCormick WB5AGZ Stillwater, OK
>OSU Center for Computing and Information Services Data Communications Group

For more information on scanner modifications to recover cellular frequencies, check out:

128.113.95.30

/files/hack/radio/mods.zip

via anonymous ftp.

Michael Metz, Undergraduate
Computer and Systems Engineering
Rensselaer Polytechnic Institute

2983. Help.PRO43.Speaker.Shot

Newsgroup: rec.radio.scanner
Date: 1995-03-10 11:30:21 UTC
From: droy@netcom.com
Message-ID: <droyD582ML.MC9@netcom.com>
Source record: 260549
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hello Anybody,
My Pro43's speaker has taken a dump. When I turn it on all I hear is NOTHING.
If I slap it around a little I can get some noise out of it but either
the speaker blew up, or a connection came lose or ???.
If I plug in an external speaker all is well! I have a service manual but
have not had time to open up the radio yet.
Now, my question, Has anyone had a like problem and how hard is the
speaker to replace? I did the "mods" about a year ago so I can find my
way around in there, and I am sure I did not screw anything up cuz it
worked fine (well with it's lousy audio) for a year.
By the way the Radio Shack amplified speakers (the ones that look like
Motorola boxes) are great.
Any thoughts you all may have would be welcome.
Thanks Dave

--
To know me is to really love me-

Dave Roy (1947-)

2984. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-10 11:35:28 UTC
From: darwin@dorite.use.com
Message-ID: <D582v5.Ao1@dorite.use.com>
Source record: 260429

In <rpollock.51.04D3D827@knowton.synapse.net>, rpollock@knowton.synapse.net
(Ron Pollock Ont. Canada.) wrote:
: : >Fran, your post mistakenly implies that these states outlaw mobile
: >: >scanners for everyone. I know that Indiana, for example, allows hams to
: >: >have scanners in their vehicles. If you are going to post such a list,
: >: >you should give the exceptions too.
: >: >--
: >: Minnesota allows you to have scanners in your car if your a ham too.

: >Actually, all of those states exempt hams from the applicable law(s).
: >Only one of those states (Michigan I believe) specifies that to have
: >the ham exemption you must be a technician class or higher (therefore
: >a ham with a novice license is excluded from the exemption).

: Why in the world would a ham be be allowed to use a mobile scanner and
: nobody else? Why would it be a crime to anyone else? What makes the ham
: operator so privlaged? It doesn't make sense!

The original intent here is that many ham transceivers also can receive
public service frequencies. THIS is the real reason that many states
exempt hams from scanner laws.

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

2985. Radio volume control busted

Newsgroup: rec.radio.scanner
Date: 1995-03-10 11:56:50 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6746@rook.ukc.ac.uk>
Source record: 260552
Cross-posted to: rec.radio.scanner,sci.electronics.repair

I have a radio that is similar to but not the Steepletone model which is quite big and receives standard broadcasts plus a few air/marine bands.

For some time now, the volume control has been very dodgy. Occasionally I can set it nicely and then the radio works quite well, but if I try to adjust it the radio crackles and makes funny noises, including a lot of humming.

In AM mode especially, there is a noticeable click if I touch the (metallic) volume or tuning dial.

I tried taking the back off but there is nothing obviously wrong like a loose wire. Any suggestions as to what the problem may be, or if it would be economic to attempt to have it repaired (where?) given that it only cost about 40 quid in the first place?

Thanks.

2986. Pro-2004 vs PRO-2006

Newsgroup: rec.radio.scanner
Date: 1995-03-10 12:12:26 UTC
From: John Bradley <john.bradley@crc.doc.ca>
Message-ID: <1995Mar10.121226.29320@clark.dgim.doc.ca>
Source record: 260550

I have a PRO-2004 and have seen references to the PRO-2006. Is there any functional difference between the two? I recall the PRO-2005 was a PRO-2004 redone in surface mount components and a facelift but no other differences.

.John Bradley

john.bradley@crc.doc.ca

2987. Re: Standard Radio Users?

Newsgroup: rec.radio.scanner
Date: 1995-03-10 14:09:44 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.425.0167388A@mail.mei.com>
Source record: 260566

In article <3jkap0$ctu@reuters2.mitre.org> ken@mitre.org (Ken Brooke) writes:

>Anyone out there using a Standard (brand) amateur radio for scanning? I have a
>C5718DA which has amazing wide coverage, including 800MHZ (less cellular), and
>like it very much. Would like to compare notes with other users.

I had their latest 2-meter mobile, the C1208DA, which also received
aircraft am, full VHF, UHF and 800 MHz. It had intermod problems
on the UHF side. The aircraft AM was excellent! Also good on
amateur 2 meters, of course.

--
Just a Sticky Wheel on the Grocery Cart of Life

kevin.jessup@mail.mei.com ** I prefer PGP encrypted Email **

2988. Re: AR8000 FOR SALE...

Newsgroup: rec.radio.scanner
Date: 1995-03-10 14:18:40 UTC
From: scottm5443@aol.com
Message-ID: <3jpn40$fol@newsbf02.news.aol.com>
Source record: 260557

Would you trade for an AOR 1000 XLT? Plus some cash?

2989. Re: AOR 8000 and SW

Newsgroup: rec.radio.scanner
Date: 1995-03-10 14:30:19 UTC
From: opp@worldweb.net
Message-ID: <opp-1003951130190001@line105.worldweb.net>
Source record: 260441

In article <3j7oq2$d0b@pulm1.accessone.com>, rdavison@accessone.com wrote:

> Any reports on how the 8000 performs on short wave?
>
> Regards,
> Randy Davison
> K7VOE

I have my aor8000 set to search the shortwave spectrum and have gotten decent reception using the radio shack center-weighted antenna. I havent tried it with the rubber duckie which I've stopped using completely because its doesn;t work well on *certain* frequencies. I also have an aor3000 which certainly is more powerful than the aor8000 but the portable gets all of the samer frequencies if not a strongly. i've been thinking about getting a little desktop antenna that i can use to switch back and forth between the 8000 and the 3000. Does anyone have any suggestions?

--
And that's the way it was...

2990. Re: Question about Pro-39 mod

Newsgroup: rec.radio.scanner
Date: 1995-03-10 14:40:53 UTC
From: opp@worldweb.net
Message-ID: <opp-1003951140530001@line105.worldweb.net>
Source record: 260442

In article <donwood.1144987528D@news.service.uci.edu>,
donwood@pop.long-beach.va.gov (Don Wood) wrote:

> Is there a mod to recover the lower band? People used to clip the diode on
> the pro-43 (to recover cell) until some bright person discovered that it
> could be re-installed in another position to not only recover cell but give
> you 54-88mhz as well. Any similar use for D-6?
>
I'd like to hear any replies on this too.
opp@worldweb.net
> --
> Don Wood, VA Medical Center (IRM), 5901 E. 7th Street, Long Beach, CA 90822;
> Voice: (310) 494-5457, FAX: (310) 494-5853; donwood@pop.long-beach.va.gov
> PGP or RiPEM Key via request, finger, or keyserver.
> "A closed mouth holds no feet."
> --

--
And that's the way it was...

2991. Re: ar1000XLT book

Newsgroup: rec.radio.scanner
Date: 1995-03-10 14:54:40 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <794847280snz@javiaton.demon.co.uk>
Source record: 260562

In article <93.4338.7592.0NFB9770@woodybbs.com>
wag.mok@woodybbs.com "Wag Mok" writes:

> Could somebody please tell me where I could get the book for the AOR
> AR-1000XLT scanner?
>

If you mean Howard Bornsteins "Guide to the AR1000" you can send him mail
direct via CompuServe (76174.637@Compuserve.com) or I think people like EEB,
Grove and Scanners UnLtd sell it.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
\--/

2992. Cellular Questions???

Newsgroup: rec.radio.scanner
Date: 1995-03-10 15:05:53 UTC
From: rwebb@medics.jsc.nasa.gov
Message-ID: <rwebb-1003950909590001@bme135.jsc.nasa.gov>
Source record: 260561

How do you follow a cellular call when the call changes cells? Is there a mod for this?

Better yet is there an FAQ on this?

Thanks in advance

2993. Frequency Needed ASAP

Newsgroup: rec.radio.scanner
Date: 1995-03-10 15:15:42 UTC
From: 0007152212@mcimail.com
Message-ID: <21950310150012/0007152212PJ1EM@MCIMAIL.COM>
Source record: 260560

Hi Everyone!
I am in need of a frequency and was told it IS in the Betty Bearcat
Frequency book but I do not have that anymore.
I am in need of the frequency for WNYT Channel 13 TV Station.
It is located in Albany,N.Y.
I kow the TV station can be heard on the scanner but I don't know where to look.
My TV went freaky on me and I really want to listen to that station
if I can't wantch it at the moment.
Any help would be appreciated.
Thanks!
John
P.S.I am unable to read this group,so please send e-mail with any info.

2994. Tune-In not VHFLog

Newsgroup: rec.radio.scanner
Date: 1995-03-10 15:24:24 UTC
From: David Alessi <davepa@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950310101333.7648C-100000@moose.erie.net>
Source record: 260559

I must apologize for inadvertently mentioning the wrong program for a
database...I stated VhfLog but was thinking of Tune-In.Zip
Have since contacted Dave Carroll, the author, who has only posted it in
the Compuserve Ham Forum and does not know how or where to post it on
the net....he can be reached at 72622.563@Compuserve.com if someone
cares to help him post it as an ftp.....I don't know how, yet.
But the program is well worth the effort.
Dave

2995. Re: Pro-39 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-10 16:27:45 UTC
From: komo@halcyon.com
Message-ID: <komo.7.001076DD@halcyon.com>
Source record: 260443

In article <3hnsvh$7j8@access1.digex.net> langston@access.digex.net (Robert Langston) writes:
>From: langston@access.digex.net (Robert Langston)
>Subject: Pro-39 Mods
>Date: 13 Feb 1995 10:13:53 -0500

>One more time.. Does anyone, anywhere know of a mod for the Pro-39
>other than the D6 diode for 800mhz? Specifically, I'd like to know if
>there are any keypad mods. Anyone that has any ideas.. please let me know.
>Thanks..
>
>rob

I'd like same info, please.

Thanks!

Lee

2996. pro-46 (date 5A4 & newer) mods???

Newsgroup: rec.radio.scanner
Date: 1995-03-10 16:49:28 UTC
From: gdruebsamen@vms4.sci.csupomona.edu
Message-ID: <1995Mar10.094928.1@clstcs>
Source record: 260428

Hello,

I have a pro-46 scanner with the date code 5A4, and it seems the older pro-46 mods of moving the two resistors labeled "000" do not work. There is a green wire coming out of the top right "unused" solder pad, and this wire goes into the display.

I know there exists a mod for the newer pro-46 (apparently Uniden added another circuit besides only the jumpers to disable 800mhz coverage). Does anyone have this mod, or know how to do it???

Any information would be very much apprecieated....

Thanks in Advance!!
--
Gene Ruebsamen

gdruebsamen@csupomona.edu
Cal Poly Pomona - Electrical & Computer Engineering

2997. IC R1 *UNBLOCKED* FOR SALE or trade

Newsgroup: rec.radio.scanner
Date: 1995-03-10 17:13:26 UTC
From: marcelo guevara <argentin@shadow.net>
Message-ID: <3jq1bm$7ae@anshar.shadow.net>
Source record: 260564

IC R1 *unblocked* full coverage to 1300 MHZ for sale or trade .
I want $500 US dollars or a IC 100.
Everything is include accesories, manuals, guaranty, box...

2998. Re: PRO43/RS Tech - HELP!

Newsgroup: rec.radio.scanner
Date: 1995-03-10 17:26:12 UTC
From: heglowstein@bix.com
Message-ID: <3jq23k$of0@news1.delphi.com>
Source record: 260563

Robbin A. Olson (robbino@primenet.com) wrote:
: After recently purchasing a shiny slightly used PRO-43 for a mere sum of $115
: (local pawn shop - "as is") and feeling rather smug I began to enjoy. All was
: well. I was feeling real cool. Frequencies were flourishing. I was pressing
: buttons till my fingers went numb. Me thinks this could be fun!

: However, to my surprise my little gem suddenly failed. Aghh! The display
: suddenly stopped dead, then vanished. - $115. I'm no longer feeling smug.

: I bought new batteries - still nothing.

: My consolation is this - If I turn the unit on and press the "light" button I
: can see the light on the display (A $115 nightlight for my kids)? Still no
: digital readout of any sort.

: When I initially turn this beauty on (after off 2-3 minutes) I hear a
: brief faint "click" (I would call it an electromagnetic sound) from the
: speaker - then nothing. If I turn it off and on rapidly with no wait, there
: is no "click."

: My spirit is dashed. My scanner is dead. Any suggestions (be nice, guys)?
: Any ideas of what the problem could be (be nice again)?

: Does anyone have a suggestion where I could bring my scanner for repairs? I
: live in Minneapolis, Minnesota.

: If I bring it to the Tandy Service center (no mods) would they replace the
: circuitry that makes mods possible?

: I would sincerely appreciate any Techno-Nerdo's help:*)

: Desperate,

: e-mail robbino@primenet.com
I called the local RS to see what the policy was. What's
supposed to happen is that they'll replace whatever needs
to be replaced to fix it. If the CPU is okay and it's something
else, it should come back modifiable. If the CPU is damaged,
they'll replace it with a new CPU. I asked if that meant
a permanently blocked one and they didn't know.

So I guess it depends on what broke. Frankly, an independent
shop may not be able to do any better because if the CPU
is the culprit, they have to buy it from RS anyway. RS *did*
say that if you send in one that has had the band expansion
mods done, they'll leave the mods in place-- as long
as the mods aren't part of what broke the radio. Is that
the way it works in practice? Dunno. None of my RS scanners

have ever broken so I haven't tested the system yet.

2999. Monster truck remote kill frequencies???

Newsgroup: rec.radio.scanner
Date: 1995-03-10 18:24:54 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3jq5hm$av2@ecom4.ecn.bgu.edu>
Source record: 260431

At the last monster truck show I went to (also the first one),
They kept bragging about the radio remote engine kill switches.
The guy standing way over there had what appeared to be a walkie-talkie,
with a DTMF keypad on the front. I assume he just transmitted a few
tones, and the receiver in the truck told the computer to kill
the engine.
Anyone know any more about this?

-==-
Dave

3000. Re: Bearcat 9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-10 18:30:57 UTC
From: dkiner@best.com
Message-ID: <3jq5t1$gkh@news1.best.com>
Source record: 260434

Regarding the BC-9000XLT:

I am considering purchasing this scanner, and perhaps someone that has purchased/evaluated one of them can answer the following
questions:

I read another post that the "alphunumeric" labeling of freqs can only be performed on 250 of the 500 memories? Is this true? If so, is it
limited to the FIRST 250 memories, or a grand total of 250, regardless of their position?

Also, what (if any) mods are out there for this radio?

Thanks in advance for any responses - Feel free to e-mail or post!

Doug

+---+
| Doug Kiner (dkiner@best.com) (415) 903-6833
| Mountain View, CA

3001. secure clear

Newsgroup: rec.radio.scanner
Date: 1995-03-10 18:31:12 UTC
From: podsi@force5.rtp.dg.com
Message-ID: <1995Mar10.183112.15027@us.dg.com>
Source record: 260452

Has anyone got any info on the Moto Secure Clear cordless phones?
Do they use a simple voice inversion scrambling that is easy to
eavesdrop on or is it more complex? I'm not interested in trying
to descramble, I'm only curious about how secure they really are
from casual eavesdroppers.

3002. Re: AR8000 number worn of in 1 month!

Newsgroup: rec.radio.scanner
Date: 1995-03-10 18:53:26 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar10.185326.25460@news.csuohio.edu>
Source record: 260439

rsharp@paul.spu.edu (Ron) writes:
: I've only had my AR8000 for about one month, and already the scan and
: enter buttons pain has worn off (the lettering)!
:
: Suggestions?

I got the snug-fit case too, so wearing is a not a problem, however, before I got the case I used the keypad to enter about 370 frequencies, manually. The arrow keys were black, now are slightly gray (after wearing away a little). Several other keys seem slightly grayer now too, but, luckily still readable.

So, has anyone thought of any way of coating the keys with some sort of transparent stuff (clear acrylic, or similar) that will protect (seal) the paint for the keypad buttons and prevent them from wearing any further? Clear nail polish might work, but it is acetone based and might dissolve the ink on the buttons, and certainly etch the gray casing if you get some on it accidentally.

How 'bout the stuff artists spray on pastel or pencil drawings to "protect" them from smudging? I'd also think some transparent latex-based sealer would work, but don't know if there is such a product available. Clear liquid vinyl floor wax, perhaps?

All depends on if the white key rubber (silicone based, probably) will take to a sealant. Wonder if a thin coating of clear silicone seal (like for a bathtub), applied lightly with the finger to each keypad, will work.

Yep, AOR botched it on this one. Otherwise physically a fine radio.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

3003. Akron Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-10 18:58:05 UTC
From: rgallim232@aol.com
Message-ID: <3jq7ft$ivc@newsbf02.news.aol.com>
Source record: 260435

Can anyone give me the freq. for Akron U PD secondary? Also, does anyone know the freq. for lifeflight?

Thanks,
Ron

3004. Target Dept. Freq

Newsgroup: rec.radio.scanner
Date: 1995-03-10 20:02:02 UTC
From: scan911@aol.com
Message-ID: <3jqb7q$jnv@newsbf02.news.aol.com>
Source record: 260567

The Target stores here in Iowa use 469 MHz splinter channels.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

3005. Blimp(s)

Newsgroup: rec.radio.scanner
Date: 1995-03-10 20:03:18 UTC
From: scan911@aol.com
Message-ID: <3jqba6$jp0@newsbf02.news.aol.com>
Source record: 260568

Lou,

Goodyear's PR department has an amazing bundle of info they'd most likely
be happy to mail to you. Try to find them at their company HQ.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

3006. Test... please reply!

Newsgroup: rec.radio.scanner
Date: 1995-03-10 20:44:43 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <D58sAK.6J4@sun2.iusb.indiana.edu>
Source record: 260569

This is a test message. Please just drop a note, with origin, if you receive this. Thanx

--
Dave Barkley - Product ENG. Xcel Controls, Indiana
M & D Motorsports South Bend/Mishawaka, Indiana

"It's my last form of sancuary, behind my blacked out glass." - S. Hagar

3007. Re: AR8000 number worn of in 1 month!

Newsgroup: rec.radio.scanner
Date: 1995-03-10 20:52:42 UTC
From: stavros@agora.rdrop.com
Message-ID: <D58snu.Kwq@agora.rdrop.com>
Source record: 260432

In article <3jg653$6c3@adam.spu.edu>, Ron <rsharp@paul.spu.edu> wrote:
>I've only had my AR8000 for about one month, and already the scan and
>enter buttons pain has worn off (the lettering)!
>
>Suggestions?

Yeah, I got one. I haven't seen an AR8000 yet, so don't know if this will help. On my Casio watch, the white ink wore out, making it hard to read the letters and numbers on the buttons. My wife gave me a bottle of Fabric Writer ink in iridescent white mist. (Stop laughing!) I took a toothpick, and smeared it into the indentations on the buttons. A quick wipe with a paper towel to remove the excess, and eureka! I could read the buttons again. Worked great! The ink is thick, not runny lick (ah, that's like) regular ink.

TTFN

-Steven

3008. Re: Help.PRO43.Speaker.Shot

Newsgroup: rec.radio.scanner
Date: 1995-03-10 21:26:38 UTC
From: mulligan@ACM.ORG
Message-ID: <3jqg6e$785@hopper.acm.org>
Source record: 260570
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The deficient speaker in the early production of the PRO-43 is a known problem. The replacement 500mw speaker can be ordered from Tandy Natl Parts, (800) 442-2425. Give them the catalog nbr of the scanner, 20-300, and ask for the SP-0228 speaker ($11.89).
To replace the speaker, follow the disassembly procedure for the cell mod (use the one that does not require unsoldering the antenna) and then remove the bottom board. You'll have to unsolder the speaker wires and unglue the speaker from the case. Just be careful of the LCD when reassembling.

/* barry /&

3009. Re: BCT-7 modifications

Newsgroup: rec.radio.scanner
Date: 1995-03-10 21:41:41 UTC
From: helme@pinhead.genmagic.com
Message-ID: <HELME.95Mar10134141@pinhead.genmagic.com>
Source record: 260426

In article <3jlahl$775@goodnews.globalcom.net> Darrin Hill <dahill@globalcom.net> writes:

From: Darrin Hill <dahill@globalcom.net>
Newsgroups: rec.radio.scanner
Date: 8 Mar 1995 22:19:33 GMT
Organization: GlobalCom

Anyone have the mods for the beartracker 7 to restore cellular?

I'd be more interested in a way to get rid of the stupid beeps at power on. ;)
--

_____
| | General Magic, Inc.
pete helme | pete@genmagic.com | 420 North Mary Avenue
| | Sunnyvale, CA 94086

3010. Re: Radio volume control busted

Newsgroup: rec.radio.scanner
Date: 1995-03-10 21:47:48 UTC
From: reddy@watcombe.win-uk.net
Message-ID: <15@watcombe.win-uk.net>
Source record: 260444

In article <6746@rook.ukc.ac.uk>, Duncan (dpfg@ukc.ac.uk) writes:
>I have a radio that is similar to but not the Steepletone model which
>is quite big and receives standard broadcasts plus a few air/marine bands.
>
>For some time now, the volume control has been very dodgy. Occasionally
>I can set it nicely and then the radio works quite well, but if I try
>to adjust it the radio crackles and makes funny noises, including a lot
>of humming.
>
>In AM mode especially, there is a noticeable click if I touch the (metallic)
>volume or tuning dial.
>
>I tried taking the back off but there is nothing obviously wrong like a
>loose wire. Any suggestions as to what the problem may be, or if it would
>be economic to attempt to have it repaired (where?) given that it only
>cost about 40 quid in the first place?
>
>Thanks.
>
>
>Most noisey volume controls can be given a new lease of life if
you can get a small amount of thin oil inside them. There is
usually a hole in the case of the control, or a gap where the
terminals come out. Try getting one or two drops of sewing machine
oil inside, and then rotate the knob from end to end a few times.
Be careful not to get any oil on the dial drive string if there is
one! I use a hyperdermic syringe for this job myself. There are
aerosol sprays available, but I find that oil works best.

Best wishes,

Ray Eddy. " Nothing is illegal- until someone finds out!!"

83 East Pafford Ave., Watcombe, Torquay, Devon. UK
Tel:- 01803 312107

3011. Re: READ NOW!!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-10 22:00:13 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3jqi5d$r43@roch0.eznet.net>
Source record: 260427

```
>
>
--------------------------------------------------
------------------
> Subject: READ NOW!!!!!
> Date: Wed, 8 Mar 1995 18:59:00 GMT
> From: jason.al-shawy@ectech.com (Jason
Al-shawy)
> Is there anyway of capturing up to date satellites
photos from my

Dontcha think it would be reasonable (and polite) to
reserve the use of a subject header like that for
important announcements that may affect a large
number of hobbyists?
```

3012. RE: FEDERAL FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1995-03-10 22:09:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5338D.059E0000AA.uuout@iotp.com>
Source record: 260425

On 8 Mar 95 04:46pm, RHASKE41 wrote to ALL:

R> I'm looking for some commonly-used DEA, BATF and FBI frequencies.
R> I have a list that includes about 10 different freqs for each
R> organization, but don't have room for them all on my scanner. I'd
R> like to pick the most commonly used ones, but I don't know which
R> ones they are. Anyone have any suggestions? Thanks.

I'm not sure where you are, but that's not really necessary.
I'd suggest that you find a local HAM club; many of these people are scanner buffs, too.
I gather that you have no way to determine which frequencies you get 'hits' on. This means that you can't simply program in the frequencies you have, and let the scanner go, recording hits. This is where other scanner buffs who are local to you will be able to help. Some of them WILl have that capability, and have already done that, and will be happy to share their lists with you.
Hope this helps.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... "Bother," said Pooh, nailing Eeyore's tail onto Owl's feathered fanny
* Silver Xpress V4.00 SW12853

3013. RE: BASE VS MOBILE

Newsgroup: rec.radio.scanner
Date: 1995-03-10 22:09:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5338D.059E0000A7.uuout@iotp.com>
Source record: 260571

On 9 Mar 95 02:14pm, T REYNOLDS wrote to ALL:

TR> After scanning the traffic on this newsgroup it's clear that most people
TR> have mobile scanners, why ? Most seem to scan the same stuff I do police
TR> EMS etc... I understand some people carry their units with them to races
TR> and events. Does a mobil unit have a advantage over a base that I don't
TR> know about ?

Yes: they are mobile!
You can take it where ever you go (subject to certain limitations, of course). While shopping (watch the others around you as they try to determine if you are police or not!), while at the Fair, while driving (plugs into the Stereo via a casette tape adapter from RS), while BBQing, while visiting a friend (good way to get them interested), while at the dentist (works well with headphones), almost anywhere.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... Famous last words: Don't worry, I can handle it.
* Silver Xpress V4.00 SW12853

3014. RE: AM BROADCAST ON SCANN

Newsgroup: rec.radio.scanner
Date: 1995-03-10 22:09:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5338D.059E0000AB.uuout@iotp.com>
Source record: 260572

On 8 Mar 95 02:30pm, GREG JOHNSON wrote to ALL:
GJ> I'm a dangerously radio-challenged person with a simple question:
GJ> How come I can pick up standard AM broadcasts with a transistor
GJ> radio, yet can't hear a thing with my scanner? (example 1160 Khz).
GJ> I can pick up some shortwave stations by chucking a long wire out
GJ> my window, but nothing in the standard AM band. What does the
GJ> transistor radio have that my scanner doesn't? (I can get standard FM
GJ> broadcasts as well as TV audio).

This would be easier if I knew what scanner you have, but here goes...
Most scanners start their coverage at 30 MHz. Receiving anything below that can't be done (without a converter, or other expensive modifications). There are scanners (usually called something like 'full coverage') that will cover from, say, 100KHz to 1 GHz or so. If you have one of these, you should be able to receive standard AM broadcast stations just fine.
Since you say you can get standard FM BC stations, you obviously do not have a run-of-the-mill scanner. Maybe a PRO-2006? -5? -4?
In any case, there should be a label somewhere to tell what the frequency ranges of the scanner are. Check this, and see if the AM band is covered, If not, you can't get it.
Hope this helps.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... MY Sysop lets me say things like ��� C E N S O R E D ���
* Silver Xpress V4.00 SW12853

3015. RE: INFO NEEDED...

Newsgroup: rec.radio.scanner
Date: 1995-03-10 22:09:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5338D.059E0000A8.uuout@iotp.com>
Source record: 260573

On 9 Mar 95 01:13pm, SUPER DAVE! wrote to ALL:

SD> Howdy all! I've been lurking a while and I need some info of scanners
SD> that can be modified for receiving the full 800 band. I have a
SD> BC200XLT and am very happy with it. I use it when I go to sporting
SD> events and a friend is a bit envious. He attends hamsfests regularly
SD> and is always on the lookout for one for himself. He asked me to turn
SD> toward the great collective of the net to get a list of everyones
SD> favorite handheld scanner that can receive the full 800mhz band. Even
SD> though we probably don't need the cellular band for the sporting events
SD> we go to he'd still wants to be able to get it. So any info would be
SD> appreciated. i.e. I don't recall how to tell the difference between my
SD> scanner and the one that can't be modified. If someone knows where a
SD> list containing this info please let me know. THANX! e-mail response
SD> appreciated.

Well, I use a PRO 43, one of the earlier, modifiable ones. The biggest
difference between a 43 and the 200XLT is that the 43 is triple conversion,
while the 200XLT is double conversion. This means that the 43 will suffer
from much less in the way of images and intermod, especially in a
frequency-rich environment, like a city. Service is also less problematical.
The 43 doesn't need a specific battery pack; any set of AA batteries will
do.
For more info on specific models, keep asking... there are a lot of people
willing to answer.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... ERROR #00: CPU TOO *TIRED* TO CONTINUE
* Silver Xpress V4.00 SW12853

3016. RE: PRO 43 NEED INFO

Newsgroup: rec.radio.scanner
Date: 1995-03-10 22:09:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5338D.059E0000A9.uuout@iotp.com>
Source record: 260574

On 9 Mar 95 09:07pm, STEVE CULLITON wrote to ALL:

SC> Is there a mod for the Pro 43 to enable the cb freqs on it, or should I
SC> just get a different scanner?

Steve, the CB freqs are below 30 MHz, which is where most scanners start,
including the PRO-43.
This sort of modification isn't possible.
It's cheaper to go to a pawn shop and buy an older CB radio than almost
anything else.
A Short Wave Receiver is another option. Make sure it's one that will cover
the CB band, and not a real El Cheapo unit that covers only SWBC and Ham.
Hope this helps.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... The lion and the calf will lie down together. The calf won't sleep.
* Silver Xpress V4.00 SW12853

3017. Re: AR8000 FOR SALE...

Newsgroup: rec.radio.scanner
Date: 1995-03-10 22:52:57 UTC
From: haxinator@aol.com
Message-ID: <3jql89$lv6@newsbf02.news.aol.com>
Source record: 260430

I'll give you $475.00 for it. Let me know and you can ship it UPS COD.

Rick

3018. Wanted: Handheld Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-10 23:44:19 UTC
From: rjg@intac.com
Message-ID: <3jqo8j$lpr@uucp.intac.com>
Source record: 260437

```
Wanted: Handheld Scanner.
Any model will do.
Thanks,rjg.
```

3019. Wanted: Handheld Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-10 23:47:10 UTC
From: rjg@intac.com
Message-ID: <3jqodu$lpr@uucp.intac.com>
Source record: 260438

```
Wanted: Handheld Scanner.
Any model will do.
Thanks,rjg.
```

3020. Re: Tropez phones

Newsgroup: rec.radio.scanner
Date: 1995-03-10 23:47:19 UTC
From: wai@aol.com
Message-ID: <3jqoe7$mqj@newsbf02.news.aol.com>
Source record: 260436

I had the same problem with my Tropez. The voice was not encrypted at
448.0 mhz. I got a replacement but the phone still radiates at 448 but
less power.
Make sure the replacement that you get is not a REFuRB!

Wai

3021. Re: Tropez phones

Newsgroup: rec.radio.scanner
Date: 1995-03-11 02:04:28 UTC
From: jeff l liberman <jeffl@evansville.net>
Message-ID: <Pine.SOL.3.91.950310200306.5796A-100000@world.evansville.net>
Source record: 260440

On 10 Mar 1995, Wai wrote:

> I had the same problem with my Tropez. The voice was not encrypted at
> 448.0 mhz. I got a replacement but the phone still radiates at 448 but
> less power.
> Make sure the replacement that you get is not a REFuRB!
>
> Wai
>
>
Wai, what receiver did you use to hear clear voice on 448.00.

I have spend hours searching from 430-450 with several dif receiver and
CAN NOT hear anything in the clear.

Jeff

3022. Re: AR8000 number worn of in 1 month!

Newsgroup: rec.radio.scanner
Date: 1995-03-11 03:17:39 UTC
From: wa1omm@aol.com
Message-ID: <3jr4oj$q74@newsbf02.news.aol.com>
Source record: 260445

Sugesstions? Sure ....

o Ivory lotion for your hands (use daily)
o Stop pumping gasoline before playing with the keypad
o Trim your nails
o Buy the vinly case with the clear plastic keypad overlay

73, Paul WA1OMM

Compuserve: 70411,626
Satellite: KO-23 and KO-25
Packet: WA1OMM@KB4N.NH.NOAM

3023. Re: Radioshack Laser detecter? Any Good?

Newsgroup: rec.radio.scanner
Date: 1995-03-11 03:39:37 UTC
From: rflood@cis.umassd.edu
Message-ID: <D59BI4.6v@umassd.edu>
Source record: 260446
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <3josc7$p2n@ixnews4.ix.netcom.com> MELDR@ix.netcom.com (Melvin Selinger) writes:

>Does anybody know how good this radar detector is Cat no 22-1647. How
>good is a laser detector anyway. I'm told that once it picks up laser,
>Its too late.

This appears daily on "rec.auto.driving", but the answer is yes. Light does not bounce as far oof target as radar. Once your detector goes off, it is too late. Youre busted!!!

the good news is that police really dont like laser, they have to get out of their car. Aim this gun at passing cars, ect ... It is much easier to simply leave a radar gun on while you are in a car. So laser isnt used as ofetn as radar.

As far as radar detectors. If you live in an area where the police routinly nail commuters then get a valentine 1. It is simply the best radar detector out there. It has directional markers to tell you where the radar is coming from. you simply cant beat its range and quality.

The non laser model goes for ~$350 and the laser model (not really needed) goes for $400. Seems exspensive until you consider the average ticket is $250 not including insurance penalties. You can only get these units direct from valentine. Car and Driver has an ad for them every month.

I dont work for the compnay, just a person who has been saved more than once by my valentine 1 :-)

-Rich

3024. Price for a used Pro 2006?

Newsgroup: rec.radio.scanner
Date: 1995-03-11 04:02:14 UTC
From: rflood@cis.umassd.edu
Message-ID: <D59CJt.M8@umassd.edu>
Source record: 260449

I will be looking for a used Pro 2006 and was wondering what the going price is. I realize you can still buy them new, but would like to get a used one for a little less. They are one of the most poular scanners, hopefully I will see some used ones.

Any info appreciated!!!

-Rich

==========
\\\|/// Richard M. Flood
(O O) rflood@cis.umassd.edu
------oOO-(_)-OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ==========
that which is forbidden!

3025. PRO-43 case available?

Newsgroup: rec.radio.scanner
Date: 1995-03-11 04:12:32 UTC
From: howardcb@aol.com
Message-ID: <3jr7vg$r51@newsbf02.news.aol.com>
Source record: 260448

Does anyone make a fitted case for the PRO-43 scanner that lets you operate the scanner while it is in the case? I just purchased one, and I would like to keep it in good shape. Thanks for any information.

Howard C. Brayman KB2SAO
howardcb@aol.com

3026. Re: NASA Frequencies in NYC

Newsgroup: rec.radio.scanner
Date: 1995-03-11 04:13:52 UTC
From: seolszew@westnet.westnet.com
Message-ID: <3jr820$hiu@westnet.westnet.com>
Source record: 260447

Peter Suazo (psuazo@ix.netcom.com) wrote:
: Does anyone know of any frequencies to listen to NASA Space Shuttle talk
: in the New York City area? Thanks in advance.

: -Peter Suazo

Try 146.61mhz and 145.43mhz. Both are re-broadcasts through regular ham repeaters. They have both been active during at least the last two shuttles.

Stan...

3027. Re: Canada Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-03-11 04:14:01 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D59D3E.4Cp@freenet.carleton.ca>
Source record: 260460

In a previous posting, Lawrence Lee (lalee@freenet.vancouver.bc.ca) writes:
> I was over at the Information Highway Advisory Council's gopher site and
> noticed an interesting note in the minutes from one of their meetings. It
> had to do with discussing whether the scanning should be criminalized...
> it discussed what effect it would have on the industry... what about the
> people who already have scanners. But, it is very interesting that this
> would come up in the IHAC's mandate...

I think perhaps they were referring to image scanners? As there is a lot
of alt.binaries.pictures.whatever.. that most books refer to as Gigs of
copyright infringments. The IHAC and the CRTC does not have the mandate
to regulate Scanners, Ham Radio, CB or similar equipment. The CRTC's
mandate is strictly commercial broadcasting, telephone and cable service.

--

3028. Re: scan db prgm

Newsgroup: rec.radio.scanner
Date: 1995-03-11 04:16:41 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D59D7t.4Hv@freenet.carleton.ca>
Source record: 260461

In a previous posting, David Alessi (davepa@moose.erie.net) writes:
> Some of you were asking about a scanner data base that would be good for use
> with a scanner and would help organize freqs...there is a neat one
> called TUNE-IN.ZIP in the Hamnet forum of Compuserve which is shareware
> and is great....even creates printouts small enough to carry around with
> a handheld. I wrote to Dave Carroll, the author and he would like to post
> it on the net but doesn't know how or where, and neither do I.
> He can be reached at 72622.563@Compuserve.com
>
I found a neat window db called Frequency Manager from a FTP site, can't
remember which one, but it is called fm.zip an archie search should turn
it up.

--

3029. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-11 04:50:41 UTC
From: Gordon Nodrog <gordon@metronet.com>
Message-ID: <3jra72$mki@feenix.metronet.com>
Source record: 260450

chestergeo@aol.com (ChesterGeo) wrote:
>
> I'm hoping to bring my scanner with me on an upcoming trip
> to Los Angeles. Has anyone had any trouble getting a scanner
> through the security checkpoint that I should be aware of? Will
> the nice folks at the x-ray machine have their eyebrows raised, or
> will they let me go on my way?
>
> (Note that I do not intend to use my scanner on the airplane and
> also do not intend to revive the "is it really OK to use my scanner
> on an airplane or will it truly crash like Delta says" debate).
>
> (Further note that LA frequencies/tips will be accepted).
>
> Chet

Chet,
I have carried my scanners on board and even used them on
board. THe airlines aren't crazy about it because it causes birdes
but had no problem taking it on board!

Ivan Paynter
iwsmp@metronet.com

3030. FS: Pro 46

Newsgroup: rec.radio.scanner
Date: 1995-03-11 06:03:22 UTC
From: tamx0004@gold.tc.umn.edu
Message-ID: <D59I6G.MxI@news.cis.umn.edu>
Source record: 260451

I have a Pro-46 for sale. No need to modify, as it can pick up all the freq's. 29-54,108-136.975,137-174,406-512,806-956 MHz.

E-mail me for more information, or make a offer.

Tony

3031. Re: Mobile Scanning Antennas

Newsgroup: rec.radio.scanner
Date: 1995-03-11 09:36:24 UTC
From: mpage@netcom.com
Message-ID: <mpageD59s0o.9tv@netcom.com>
Source record: 260453

pfink@interaccess.com wrote:
: Has anyone used a Diamond, Comet, or Anli amateur radio antenna for scanning? How did it work?

Why don't you save the money and just use a cheap 18" stinger. I use it with my BC-8500 in the Los Angeles area and it works great on all of the bands. Most of the new radios have switching circuits depending on what band they are receiving at the moment and they adjust to the antenna. I didn't believe it either, but the stinger, out of the wrapper works just fine.
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

3032. For Sale - Scanner - UK only

Newsgroup: rec.radio.scanner
Date: 1995-03-11 10:21:05 UTC
From: paul@termcon.demon.co.uk
Message-ID: <187148828wnr@termcon.demon.co.uk>
Source record: 260456
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Realistic Pro2006 - Base Scanner.

400 Channels 25-520 - 760-1300 Mhz
HyperScan AM.FM.WFM

Boxed mint condition, Manual, UK Scanning Directory.

160.00 Pounds

Genuine reason for sale.

Email - paul@termcon.demon.co.uk

or Phone 0378-494904

For Sale in the UK only
--
paul@termcon.demon.co.uk PGP2.6 Key Available

3033. Re: motorola radius frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-11 10:30:58 UTC
From: an149095@anon.penet.fi
Message-ID: <an149095.33.0006BE0F@anon.penet.fi>
Source record: 260470

In article <3jopsl$lg7@jaws.cs.hmc.edu> ekaras@chs.cusd.claremont.edu (Erik Karas) writes:
>From: ekaras@chs.cusd.claremont.edu (Erik Karas)
>Subject: motorola radius frequencies
>Date: 10 Mar 1995 05:59:49 GMT

> DOES ANYBODY HAVE THE FREQUENCIES FOR MOTOROLA RADIUS RADIOS. THANKS
>ALOT
>ERIK

Yeah,

Fully programmable! Pick a Band, Then Pick A Freq!

3034. Re: DTMF Tones?

Newsgroup: rec.radio.scanner
Date: 1995-03-11 10:38:02 UTC
From: dshunter@samar.usc.edu
Message-ID: <3jruia$j5o@samar.usc.edu>
Source record: 260454

I have a couple of questions about DTMF. First off, what are the extended keys used for? I can't think of any general use for them offhand. In addition the basic DTMF tones used on a telephone, I've come across other frequencies classed as DTMF (or rather tone signalling). There's two that are single frequency: 2600Hz and 3700Hz. Also, there six others used in DTMF as "supervisory signals": 700, 900, 1100, 1300, 1500, and 1700 (Hz). Are these signals used for radio/telephone or what?

Just curious as usual. :)

Dave

3035. Re: Radio volume control busted

Newsgroup: rec.radio.scanner
Date: 1995-03-11 10:43:16 UTC
From: dshunter@samar.usc.edu
Message-ID: <3jrus4$j6k@samar.usc.edu>
Source record: 260455

In article <6746@rook.ukc.ac.uk> dpfg@ukc.ac.uk (Duncan) writes:

>For some time now, the volume control has been very dodgy. Occasionally
>I can set it nicely and then the radio works quite well, but if I try
>to adjust it the radio crackles and makes funny noises, including a lot
>of humming.

Well, the first thing that I'd try is to spray a little contact cleaner
on the volume potentiometer. If that doesn't work, and you're handy with
a soldering iron, you might want to run down to your local electronics
store and buy a replacement pot. Beyond that, I don't know.

G'luck!

Dave

3036. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-11 11:08:04 UTC
From: darwin@dorite.use.com
Message-ID: <D59w9G.62J@dorite.use.com>
Source record: 260458

In <rpollock.51.04D3D827@knowton.synapse.net>, rpollock@knowton.synapse.net
(Ron Pollock Ont. Canada.) wrote:
: : >Fran, your post mistakenly implies that these states outlaw mobile
: >: >scanners for everyone. I know that Indiana, for example, allows hams to
: >: >have scanners in their vehicles. If you are going to post such a list,
: >: >you should give the exceptions too.
: >: >--
: >: Minnesota allows you to have scanners in your car if your a ham too.

: >Actually, all of those states exempt hams from the applicable law(s).
: >Only one of those states (Michigan I believe) specifies that to have
: >the ham exemption you must be a technician class or higher (therefore
: >a ham with a novice license is excluded from the exemption).

: Why in the world would a ham be be allowed to use a mobile scanner and
: nobody else? Why would it be a crime to anyone else? What makes the ham
: operator so privlaged? It doesn't make sense!

The original intent here is that many ham transceivers also can receive
public service frequencies. THIS is the real reason that many states
exempt hams from scanner laws.

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3037. key west

Newsgroup: rec.radio.scanner
Date: 1995-03-11 11:08:12 UTC
From: darwin@dorite.use.com
Message-ID: <D59w9p.644@dorite.use.com>
Source record: 260457

I plan on going to Key West soon..... I would really appreciate freqs of interest there. Also the Key West airport, maybe even the Tampa airport. I'm taking my radios with me........

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3038. Re: Radio volume control busted

Newsgroup: rec.radio.scanner
Date: 1995-03-11 12:14:03 UTC
From: JFARR@XSTACY.ENET.DEC.COM
Message-ID: <3js46b$75b$1@usenet.pa.dec.com>
Source record: 260459

In article <6746@rook.ukc.ac.uk>
dpfg@ukc.ac.uk (Duncan) wrote:

> I have a radio that is similar to but not the Steepletone model which
> is quite big and receives standard broadcasts plus a few air/marine bands.
>
> For some time now, the volume control has been very dodgy. Occasionally
> I can set it nicely and then the radio works quite well, but if I try
> to adjust it the radio crackles and makes funny noises, including a lot
> of humming.
>
> In AM mode especially, there is a noticeable click if I touch the (metallic)
> volume or tuning dial.
>
> I tried taking the back off but there is nothing obviously wrong like a
> loose wire. Any suggestions as to what the problem may be, or if it would
> be economic to attempt to have it repaired (where?) given that it only
> cost about 40 quid in the first place?
>
> Thanks.
>

Try squirting some switch cleaner into the volume control, turning it as you do. Be quite liberal with it.
You can get some from Maplin Electronic supplies. There dotted around the country. They sell spray cans of the stuff and each can comes with a nice long plastic tube to help reach those little awkward places. Just pop in and tell them the problem and they will get you the right one.

Regards,
Joe.

3039. motorola radius frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-11 12:38:09 UTC
From: Jason.Low@revenge.cambo.cuug.ab.ca
Message-ID: <0c9_9503132337@cambo.cuug.ab.ca>
Source record: 260384

ekaras@chs.cusd.claremont.edu shaped the electrons to say:

ek> DOES ANYBODY HAVE THE FREQUENCIES FOR MOTOROLA RADIUS RADIOS. THANKS
ek> ALOT

I have a couple dozen [in my radio], but they're probably not the ones you
want.

See, the way radios work, they're programmed with the frequencies of the
service that purchased/leased/etc'd them. They don't just have a set batch of
frequencies.

My suggestion is wherever you are, find a Radio Shack in your area with a
local scanner book [the one I frequent here has the "Alberta Frequency
Guide", but that won't be of any use to you either]. I've also heard there is
a book called Police Call that is sold by them, which lists many US
frequencies, but being in Canada, the book is useless to me, plus Canadian
'Shacks don't carry it anyway.

Hope you got some help out of this disjointed message.. I just woke up. :)

jason low derran@revenge.cambo.cuug.ab.ca
REMR - PumpA - Part 1 2 3 4 - Driver - V-X Tech - Trench Tech - General Peon

--
|Metronet: Jason Low 201:5500/2722
|Internet: Jason.Low@revenge.cambo.cuug.ab.ca
|
| Via Operation Sundevil, Internet Gateway. Calgary Alberta Canada.

3040. for sale Glen VFO

Newsgroup: rec.radio.scanner
Date: 1995-03-11 13:20:18 UTC
From: theinric@crl.com
Message-ID: <3js82i$l0j@crl2.crl.com>
Source record: 260462

For Sale:

Glen 326-G Digital Controller manufactured by Glen Manufacturing in
Stockton, CA

Face description:

Has five digit readout
High/Low switch
Fine tune pot
Coarse tune pot
on/stby switch
on/off power switch

Back description:

KC/MC display switch
X2/X1 multiplier switch
frequency set adjustment
1/2/3/4/5/6 band selector switch

asking $150.00

email for more information----

Tim Heinrichs Marietta, Georgia U.S.A.
Internet: theinric@crl.com
Phone: 404-423-7072 ext. 3002

3041. Freq Database Program...

Newsgroup: rec.radio.scanner
Date: 1995-03-11 13:33:48 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar11.093353.1@cad3.uccb.ns.ca>
Source record: 260463

Hi:
I still looking for a freq datadase program.
Thanks for all that replied and gave me ftp sites.
I do not have access to any ftp sites.
If anyone could e-mail it directly to me it would be appreciated.
Ron

3042. Re: First Week with BC9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-11 13:44:00 UTC
From: Ron.Black@f55.n343.z1.fidonet.org
Message-ID: <da8_9503162300@damar.com>
Source record: 260464

-=> Quoting Neil Bell to All <=-
NB> From: neilbell@ccnet.com (Neil Bell)
NB> Subject: First Week with BC9000XLT
NB> Organization: CCnet Communications (510-988-7140 guest)
NB> I have been using my new BC9000 for a few days now, alongside my
NB> Pro2006. I like it a lot and have put the Pro 2006 up for sale.
NB> Neil Bell (San Francisco Bay Area)

Hi Neil, I wonder if you would be interested in trading the Pro-2006 scanner for my Tek 453 50MHz 2-ch delayed sweep oscilloscope? I assume the scanner is in good condition, as the 'scope works very well and I know you will be pleased with the value of this trade. I hope you will be interested: ron.black@railbbs.damar.com 206 335-4907 8a-8p Pacific.

... ...

3043. Re: Pro-43 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-03-11 14:45:00 UTC
From: Ron.Black@f55.n343.z1.fidonet.org
Message-ID: <da9_9503162300@damar.com>
Source record: 260465

-=> Quoting crscasioPro-43 For Saleirius.pixi.com to All <=-
cr> From: crscasio@sirius.pixi.com (Lawrence Koga)
cr> Newsgroups: rec.radio.scanner
cr> Pro-43 for Sale, modified for 800Mhz, no manual
cr> $ 175.00 shipping not included
cr> Lawrence, crscasio@pixi.com

I would like to trade a Tek 321A Oscilloscope for your scanner if
you would be interested. The 'scope is a 1-ch 6MHz true portable, with NiCad
or alkaline D-cell battery operation (not included), with external DC power
or 117vac line operation. You will like the high quality of this Tek 'scope.
I assume your scanner is in good operating condition...what battery and
external supply is included? Hope you are interested:
ron.black@railbbs.damar.com 206 335-4907 8a-8p Pacific.

... ...

3044. RE: FUN NYC FREQS.

Newsgroup: rec.radio.scanner
Date: 1995-03-11 15:59:33 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <5g5amqN.donhayes@delphi.com>
Source record: 260466

No problem with the Internet info. You should have the copy of my response from Bill Martini and the FCC by now. Looks like they are up to their eyeballs in work! Let's hope that the repeater remains QRM free !!! 73, Bob.....Don N2QAY

3045. Re: J.F.K. airport freq.?????

Newsgroup: rec.radio.scanner
Date: 1995-03-11 16:05:29 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <5A55+8J.donhayes@delphi.com>
Source record: 260467

Here are a few JFK freqs for you to plug into your scanner......

Unicom 122.95 Departure control 135.9, 121.0, 123.7, 134.35, 124.75, 269.0
Tower 119.1, 123.9, 120.05, 125.25, 132.4, 135.9
Ground control 121.9, 121.65, 348.6
Clearance 135.03, 348.6
Gate hold 125.05
Helicopter 125.25

Dont forget 123.1 which is NYPD's aviation frequency.

3046. Re: Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-11 16:09:28 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <5i6Y22A.donhayes@delphi.com>
Source record: 260468

If your scanner has the capability of searching within q freq range, try these freqs: 46.0 to 50.0 MHz. These freqs include baby monitors, walkie talkies and cordless phones, Except for the 900 MHZ new cordless. Good Listening !!

3047. Re: New Jersey Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-11 16:13:46 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <5C6Z+UK.donhayes@delphi.com>
Source record: 260469

I can help if you tell me where in Central & southern NJ. What cities or counties will you be in?

3048. Re: Pagers on Police Freqs (Pro-43)

Newsgroup: rec.radio.scanner
Date: 1995-03-11 17:20:30 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D5ADI6.A07@freenet.carleton.ca>
Source record: 260472

In article <D58p20.Cq7@cunews.carleton.ca>,Donald Bowlby <dbowlby@chat.carleton.ca> wrote:
>
> I have a Pro-43 that recieves pager transmissions on the
>police and ambulance freqs. (140-160 Mhz). The better the antenna i
>use, the more interference I receive. If i take the antenna off
>completely, it solves the pager interference problem, but limits my
>listening to local police and ambulance, and prevents most other
>transmissions from being recieved.
> Any help or ideas would be greatly appreaciated.
>
This problem is more severe in some parts of Ottawa than others. I use
a RS Discone antenna on my scanners and only get the odd pager. But
if you use a hand-held even with the rubber antenna on the Queenway (417)
between Bronson and Nicholas St you will hear what most users dub Intermod
Alley. You will even get pagers bleeding through crystal controlled 2-Way
radios. Besides the problem will end in about 1 year when the new regional
Police move up to 800 mhz digital radios..

--

3049. Start using ****REC*****.radio.scanner (was: Re: Pagers on Police

Newsgroup: rec.radio.scanner
Date: 1995-03-11 17:52:55 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D5AF07.Bp9@freenet.carleton.ca>
Source record: 260473
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In a previous posting, Michael Schuster (schuster@panix.com) writes:
> Start using ****REC*****.radio.scanner

The simple fact is there are 100's of sites that don't offer all the usenet news groups. So I am sure some site only carry alt.radio.scanner I have seen some sites that don't have any rec. groups, some that don't have any alt. groups. The National Capital FreeNet has both. I checked the usenet lists with several of the commercial providers in town, the most popular one has about 1000 usenet groups vs. 5200 on FreeNet, but they have some alt. and rec. groups not offered by FreeNet and vice versa.

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

3050. Re: BearCat 890XLT scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-11 18:18:56 UTC
From: SWassell@sv.span.com
Message-ID: <794971136snx@sv.span.com>
Source record: 260474
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <D4uwys.AI6@agora.rdrop.com> stavros@agora.rdrop.com (Steve Culliton) writes:
>In article <3itbsd$9dc@dartvax.dartmouth.edu>,
>Kimberly Sanborn <Kimberly.Sanborn@dartmouth.edu> wrote:
>>
>>P.S.
>>What's the difference between alt.radio.scanner & rec.radio scanner??
>
>Not much. However a lot of sites don't carry rec.xxx groups, but will
>carry alt.xxx.

Are you sure that's the right way around? Rec is supposed to have the better
propogation, so use that one!

Anyway, in my experience of various news sites, they all carry alt and rec.
Several miss out alt.binaries.*, but I've never seen a system that doesn't
carry alt at all.

---------------------------------=*=---------------------------------

_____ __ __
/ ____)\ \ / / from Stephen Wassell Oh, what sad times are these
____ \ \ \/\/ / SWassell@sv.span.com when passing ruffians can say
(_____/ _/_/ Try coopers.wad! "Ni" at will to old ladies.

3051. NASA freqs. in St. Paul MN

Newsgroup: rec.radio.scanner
Date: 1995-03-11 18:31:28 UTC
From: XSXR56B@prodigy.com
Message-ID: <3jsqa0$kce@usenetp1.news.prodigy.com>
Source record: 260375

Does any one know how to here the shuttle in the St. Paul area in MN.
Please E-mail I'm not on that much
-
MATTHEW TODD XSXR56B@prodigy.com

3052. Cable Line for antenna?

Newsgroup: rec.radio.scanner
Date: 1995-03-11 18:37:13 UTC
From: depoe@atc.ameritel.net
Message-ID: <3jsqkp$oba@news.ameritel.net>
Source record: 260471

I'm having problems picking up any mobile broadcasts further than
5 miles. I have a simple "three-prong" antenna on the roof. Is there
any way I can increase my range, say with a booster, different antenna?
I don't really want to go higher if I don't have to. Also a friend of
mine said he heard you could get an adapter for your cable T.V. line and
hook it to your scanner and pick up everything. Anyone hear of this? To
me, it sounds like you would get a bunch of interference. Any
suggestions would be greatly appreciated.

Thank you in advance,
Dan Poe
California, Maryland

3053. Re: Tropez phones

Newsgroup: rec.radio.scanner
Date: 1995-03-11 18:43:15 UTC
From: wai@aol.com
Message-ID: <3jsr03$6lp@newsbf02.news.aol.com>
Source record: 260376

Jeff said:

>Wai, what receiver did you use to hear clear voice on 448.00.

>I have spend hours searching from 430-450 with several dif receiver and
>CAN NOT hear anything in the clear.

>Jeff
Hi Jeff,
I used an Alinco DJ580-T dual-band radio tuned at 448.0 to pickup Tropez
900DX phone.
My 580T radio was also "enabled" to receive the 900 Mhz band by clipping
a wire. At 900 Mhz, I cannot hear audio my Tropez on the 580T. All I
hear is the radio static but signal strength meter on the 580T is "pegged"
indicating that the phone is transmitting.

Hope this helps.
Wai

3054. Chicago, IL frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-11 19:16:15 UTC
From: jrainekc@cyclops.pei.edu
Message-ID: <3jsstv$638@kasey.umkc.edu>
Source record: 260377

Hello,

I will be traveling to Chicago next week and I would appreciate it if
anyone could e-mail me some frequencies for Chicago Police and Fire Dept.
that I can program my scanner with.

Thanks,

Jon

P.S. It would be helpful if you would send replies directly to:
jrainekc@cyclops.pei.edu

3055. Wanted: South Denver Metro area freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-11 19:31:20 UTC
From: Norm Froman <nfroman@us.ices.com>
Message-ID: <3jstq8$pl6@news-2.csn.net>
Source record: 260410

Does anyone have a better list of the action freqs than are listed in the "Police Call" booklet? I would like to get a list that has better descriptions than in the book.

Also anyone have the freq that Arapahoe County uses for Channel 3?

Thanks in advance

3056. Rat Shack Ripoff

Newsgroup: rec.radio.scanner
Date: 1995-03-11 19:34:18 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3jt2nd$kle@newshost.lanl.gov>
Source record: 260378
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I bought a 2006 a while back on the "no interest
no payment for 6 months" plan.
On the monthly statement interest kept appearing.

I thought maybe they would refund the charges
at the end as some outfits do.

Finally called today to ask about it because I wanted
to pay it off. When I asked they told me "Oh you had
some small charges.... and that is why there is interest."
This is something that I had kept careful track of. If I
made some small purchases I was sure to make a payment of much
more than any purchases I had made in that month. The
interest was on the entire amount including the "interest
free" purchase.

Anyway the point of this rambling discourse is that when
Rat Shack says "no interest" what they mean is they have
no interest in treating you fairly or living up to their
agreements. So watch your back when at the Shack

If Rat Shack management reads these news groups watch your
mail the four quadrants of my Rat Shack card are headed your
way. You got a few bucks you lost a good customer. Adios

3057. St. Louis

Newsgroup: rec.radio.scanner
Date: 1995-03-11 19:36:57 UTC
From: dstuart@saucer.cc.umr.edu
Message-ID: <3jsu4p$b05@hptemp1.cc.umr.edu>
Source record: 260379

St. Louis Freq's anyone?

Sorry if I had posted here before.

Also where can I go looking. I do have the 'Police Call' book but, I don't find it helpful

--
-- Dave Stuart
dstuart@umr.edu

3058. Re: Bearcat 9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-11 19:59:20 UTC
From: neilbell@ccnet.com
Message-ID: <3jsveo$29t@ccnet3.ccnet.com>
Source record: 260380

dkiner@best.com wrote:
: Regarding the BC-9000XLT:

: I am considering purchasing this scanner, and perhaps someone that has purchased/evaluated one of them can answer the following
: questions:

: I read another post that the "alphunumeric" labeling of freqs can only be performed on 250 of the 500 memories? Is this true? If so, is it
: limited to the FIRST 250 memories, or a grand total of 250, regardless of their position?

A grand total of 250 labels, regardless of upper or lower 250 chs.

3059. Re: Price for a used Pro 2006?

Newsgroup: rec.radio.scanner
Date: 1995-03-11 20:01:00 UTC
From: neilbell@ccnet.com
Message-ID: <3jsvhs$2e0@ccnet3.ccnet.com>
Source record: 260381

Richard M. Flood (rflood@cis.umassd.edu) wrote:
: I will be looking for a used Pro 2006 and was wondering what the going
: price is. I realize you can still buy them new, but would like to get
: a used one for a little less. They are one of the most poular
: scanners, hopefully I will see some used ones.

: Any info appreciated!!!

I kown where you can get a like-new cellaular restored 2006 with manual
for $275.

3060. Re: Blimp(s)

Newsgroup: rec.radio.scanner
Date: 1995-03-11 20:03:38 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3jsvmq$i1g@mailer.fsu.edu>
Source record: 260382

:lou@gary.com wrote:

: Hello to All,

: Thanks for reading this. I know this isn't the proper forum for this
: type of question but I'm going to ask it here, and if you would
: (providing you have the information), respond to me E-Mail, so as not to
: further confuse this forum.

: In the past, I've seen questions regarding the frequencies used by the
: blimps. I've also seen answers by those, who apparently had good
: knowledge of the blimps. This is where my question comes in.

: I was asked to ask of someone knowledgeable of the blimps:

: 1. What size engine (if any) the blimps use.
: 2. What type of fuel is used.
: 3. The fuel tank capacity
: 4. Total flying time on the fuel capacity.
: 5. What the flying speed of the blimp is, when it is in actual motion.

: Any and all help would be appreciated. And, Thanks in advance.
: Lou
: Lou@Gary.Com

Try one the rec.aviation.* groups.

```
--------------============================================================
------------========== | naus@cs.fsu.edu
----------=========== James | naus@freenet.fsu.edu
----------=========== |-----------------------------------
----------=========== Naus | Florida State University
------------========== | Tallahassee, Florida USA
--------------============================================================
```

3061. date codes

Newsgroup: rec.radio.scanner
Date: 1995-03-11 20:08:45 UTC
From: rogue@indirect.com
Message-ID: <D5ALAL.3qn@indirect.com>
Source record: 260401

could anyone post the modifiable date codes for radio shack pro-xxx scanners? thanks in advance.

--
rogue

3062. Re: Pro-2004 vs PRO-2006

Newsgroup: rec.radio.scanner
Date: 1995-03-11 20:11:56 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5ALFw.CyH@ssbunews.ih.att.com>
Source record: 260383
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1995Mar10.121226.29320@clark.dgim.doc.ca>,
John Bradley <john.bradley@crc.doc.ca> wrote:

> I have a PRO-2004 and have seen references to the PRO-2006. Is there
>any functional difference between the two? I recall the PRO-2005 was
>a PRO-2004 redone in surface mount components and a facelift but no
>other differences.

The PRO-2006 has 400 channels vs. the 300 channels in the stock
PRO-2004. Also, the PRO-2006 scans and searches faster.

The PRO-2006 seems more sensitive than the PRO-2004. A check
of the front end filter circuitry shows slight changes in component
values.

x-------------- CUT HERE --------------------------------------x

- 1 -

THE RADIO SHACK PRO-2006 PROGRAMMABLE SCANNER

Copyright 1990, Bob Parnass, AJ9S

The Radio Shack PRO-2006 is a 400 channel, wide coverage
scanner radio, manufactured in Japan by General Research
Electronics. It is the successor to the PRO-2005 and a
grandchild of the PRO-2004, the super scanner which put
Radio Shack out in front of its competition in the base sta-
tion scanner market.1

The PRO-2006 is almost identical to the discontinued PRO-
2005, with the exception that the PRO-2006 boasts
HyperscanTM, a catchy way of saying that it scans fast --
about 26 channels/second versus the PRO-2005's 16
channels/second rate.2 At about $400, the PRO-2006 is $20
cheaper than the PRO-2005 was. Both scanners are built
using surface mount components and are housed in a gray
plastic cabinet.

Frequency Coverage

The PRO-2006 covers 25-520 and 760-1300 MHz, except for 2
gaps in the cellular telephone bands. The two gaps in the
800 MHz range can be restored in all the Radio Shack con-
tinuous coverage scanners by removing a diode. Diode D502
is the culprit in the PRO-2005 and PRO-2006.

A matrix of diodes, attached to the microprocessor's input port, is often used to configure radios for sale in different markets. The diode matrix on new the PRO-2006 is located on the vertical circuit board just behind the front panel. There are 2 diodes present, and holes drilled for 2 more.

Lots of Memory

---

1. "Product Review: The Radio Shack PRO-2004 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, February 1987, and Monitoring Times, March 1987.

2. "Product Review: The Radio Shack PRO-2005 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, June 1989, and RCMA Journal, August 1989.

The PRO-2006 has the usual features that scanner buffs have come to expect: individual channel lockouts, selectable 2 second rescan delay, an external speaker jack, etc. Casual scanner users don't need 400 channels, but scanner hobbyists can have those channels filled up in no time flat, especially with frequencies in the vast 225-400 MHz military air band, and other federal government allocations.

With so many channels to program, one dreads the thought of a power failure, which could clear memory in a hurry. Not to worry, the PRO-2006 memory is backed up by a conventional 9 volt alkaline battery (not supplied), which should be replaced every 6 months or so.

The 400 channels are divided into 10 banks of 40 channels each, and one can select or deselect any channel bank from the scan list. Individual channels can be locked out in the customary way, but the PRO-2006 maintains the handy feature introduced in the PRO-2004, a LOCKOUT REVIEW. Successive depressions of this key step through the locked out channels.

Scanners worth their keep have a priority feature, with channel 1 usually designated the priority channel. The PRO-2006 is more flexible; any of the 400 channels may be designated the priority channel. When the PRIORITY key is depressed, that channel will be sampled every 2 seconds, and the radio will stay there if a signal is heard.

The PRO-2006 has two scan speeds, which measured approximately 13 and 26 channels/second. While scanning at high speed, the PRO-2006 won't skip over weak signals like some of the AOR-2515 scanners do. Adding diode D501, situated at

an unmarked location between D502 and D503 sped up the PRO-2005 scan and search rates by 25%. Adding the same diode in the PRO-2006 has no effect on the scan or search rates.

It has been claimed that a PRO-2005 could be made into a PRO-2006 by merely replacing the CPU clock crystal with one of a higher frequency. Don't believe it. Changing the PRO-2005 clock speed would affect both the rescan delay and the priority rate, and they would no longer be 2 seconds long, as they are in the PRO-2006.

When programming a channel, the PRO-2006 firmware sets the mode automatically, based on its idea of what mode is most prevalent on that frequency. This feature saves extra keystrokes, and makes one appreciate the thought that went into the design of this radio. The default mode can be overridden easily, if need be, like to listen to a military mid-air refueling operation in the 225-400 MHz range, which is

mainly populated with AM signals.

Searching

The SEARCH facility found on most programmable scanners allows the entry of a pair of frequencies, then by pressing a key, the radio searches frequencies between those limits. The PRO-2006 allows for 10 pairs of limits! These pairs of limits are stored in their own memory, and don't use up any of the conventional 400 memory channels. One can set up several search pairs, for instance:

- 46.610 - 46.970 MHz: cordless telephones

- 144 - 148 MHz: the 2 meter ham band

- 418.625 - 418.900: Drug Enforcement Administration

Another unique feature of the better Radio Shack models is the MONITOR key, which stops the search and stores the frequency in one of ten special monitor memories. These memories are separate from the 400 main memory channels. The search can be restarted from where it left off by striking the up or down arrow key.

The user can select the search direction (up or down), and step size of 5, 12.5, or 50 kHz, although the PRO-2006 is intelligent enough to select a default step size based on the frequencies being searched. As on the PRO-2004 and PRO-2005, there is a hidden step size of 30 kHz, but this step size is only used in the cellular phone band after restoring full 800 MHz coverage.

The selected parameters are displayed on the LCD panel, smaller than the panel in the PRO-2004.

The DIRECT key allows one to start searching up or down from whatever frequency is on the display. Let's say the scanner is in MANUAL mode, and set at channel 26, which contains 460.100 MHz. Striking the DIRECT then UP-ARROW keys starts the PRO-2006 searching upwards from 460.100. This is a nice feature.

The PRO-2006 contains a "window detector" circuit, which is called into play during a SEARCH operation. This circuit tries to detect when the radio is tuned close to the center frequency of a station, and prevents the search from halting prematurely, off to the side of the signal.

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The AFC (automatic frequency control) circuit of the Bearcat 800XLT often causes a search of 850 MHz signals to halt prematurely. Even though the signal sounds on frequency, the display reads the wrong frequency. Neither the PRO-2004 nor the PRO-2006 have this problem.

The PRO-2006 includes a SOUND SQUELCH, resembling the VSC circuit on the ICOM R-7000, which may be used during scan or search operations. With the sound squelch enabled, signified by a red lamp above the pushbutton, the scanner will skip over unmodulated signals. This is handy for skipping over "birdies", link signals with a constant carrier, or baby monitors when baby is asleep.

The manual warns that the sound squelch may be fooled by signals with low modulation, and skip over them. The PRO-2006 SOUND SQUELCH tries to detect the presence or absence of modulation (not human speech), so unfortunately, it thinks that noisy dead carriers, digital data signals, and paging tones are worth monitoring and will stop the scanner to listen to them.

Taping Facility

A tape recorder can be connected to the TAPE phono jack on the rear panel, which provides 600 mV of audio at a 10,000 ohm impedance. An audio filtering circuit rolls off the high frequency components before they reach the TAPE jack, which makes it impossible to use it for picking off FM subcarrier signals. In addition to a rear mounted external speaker jack, there is a miniature headphone jack on the front of the scanner.

The PRO-2006 lacks a COR (carrier operated relay) output, like ICOM R7000 and older Bearcat 300 have, which would be useful for actuating a tape recorder.

Basic Performance

To evaluate sensitivity, the PRO-2006 was compared with it's grandfather, the PRO-2004. Since a signal generator was not used, quantitative measurements could not be made. Instead, an Antenna Specialists AV-801 antenna was switched between radios, signals from stations were compared by ear, and the results tabulated.

Simply put, the PRO-2006 proved more sensitive than the PRO-2004 on all bands tested, and much more sensitive in the 850 MHz range. The earlier PRO-2005 was also more sensitive

than the PRO-2004, but both the PRO-2005 the PRO-2006 let 800 MHz trunked systems and cellular telephone conversations bleed through while searching the 118 - 132 MHz commercial aircraft band. The 800 MHz interference was heard on the 2005 and PRO-2006, not the 2004.

Although the PRO-2004, PRO-2005, and PRO-2006 can suffer the effects of intermodulation, they are much more immune than the overly sensitive, image laden Bearcat 800XLT. Intermodulation from paging appeared on several frequencies above 1000 MHz, in a region not many people monitor. Oddly, audio from television channel 50 was heard on 1251.625 MHz. The PRO-2006 has a 10 dB attenuator, operable by a slide switch on the rear. The attenuator helps eliminate intermod, but few people would want the attenuator enabled while scanning or searching as it degrades both wanted and unwanted signals. A programmable attenuator feature, selectable for each channel, would have been a better idea.

The up conversion design of both the ICOM R-7000 and Radio Shack PRO-2006 allows use of a very high IF (intermediate frequency), which helps avoid image problems.

The audio output quality is good, although the top mounted speaker directs the sound at the ceiling, but adding an optional external speaker allows the sound to be directed at the user's head.

Unfortunately, the audio level of AM signals is somewhat below that of NBFM signals, requiring a slightly different setting of the volume control, although this has improved over the PRO-2005. When scanning both AM and NBFM modes, one has to find a compromise position of the volume control.

The PRO-2006 squelch control has a small amount of hysteresis, an improvement over its GRE ancestors. Too much hysteresis is like having too much play in a car's steering wheel, or backlash in a gear set. This hysteresis forces one to keep the squelch at a tighter setting, missing weaker

signals when scanning or searching.

Mechanical and Electrical Construction

The newest scanners use tiny surface mount components, which permits manufacturers to cram more circuitry into smaller cabinets. This technology makes home repair and circuit modification almost impossible. The "lick and stick" parts are so small it's difficult to tell a surface mount resistor from a capacitor, and components are rarely marked with their values.

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The PRO-2006 is smaller and lighter than the 2004. It is enclosed in a gray plastic cabinet, with a plastic front panel. If one is going to pay $400, one deserves to own some metal, but several stages are internally shielded in their own metal compartments. The entirely plastic cabinet of the older PRO2003 allowed wideband noise to radiate out of the scanner and into nearby shortwave receivers.

The PRO-2006 vertical front panel is an advancement over the sloping panel of the 2004. You can stack the scanner on top of other equipment and see the controls without standing up. If sitting directly on a table, two hinged plastic feet, padded with rubber bumpers, can fold out from under the front of the radio to tilt it at a good viewing angle.

There is a single BNC antenna connector on the rear of the PRO-2006, and the radio is supplied with telescoping antenna which screws in through a hole in the top of the cabinet.

Internal construction is excellent, and the internal shielding is commendable. Interstage shielding is very important in a wide band receiver, to prevent it from "hearing itself", an undesirable phenomena which results in birdies. The PRO-2006 owner's manual lists dozens of birdie frequencies. The shielding is much better in the PRO-2006 than in the 800XLT, which uses no shielding around the 800 MHz converter stage, and probably accounts for some of the birdies in the Bearcat.

Frequencies and other indicators are displayed on a backlit LCD (liquid crystal display) panel, and the level of backlighting can be dimmed by a pushbutton switch. As with the PRO-2005, the poor contrast on the small LCD panel makes it difficult to read a frequency more than just a few feet away, and is nowhere near as good as the greenish blue fluorescent display in the old Bearcat 300.

However, physically challenged and vision impaired scanner buffs will appreciate the conventional raised rubber key-

board in the PRO-2006, Only moderate pressure is required for actuation, and key depressions are confirmed by a mild "beep" audio tone.

The PRO-2006 is the right size to fit under the dashboard of intermediate sized cars, but there are few concessions to those wanting to use this scanner in a vehicle. Perhaps Radio Shack has been influenced by repressive laws restricting mobile scanners in a minority of states, like New Jersey.

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Although it can be operated on 12 VDC, neither a mobile power cord nor mounting bracket are provided. These items were included with earlier, pre-PRO-2004 Radio Shack models. The AC power cord is not detachable, and would have to be bundled up to keep it out of the way in a mobile installation.

Owner's Manual

The user manual is much better than the fold out sheet furnished with Uniden scanner.

A single page frequency allocations chart is included, but is very general. Trunked radio systems are mentioned, but only briefly. Most people buying PRO-2006s probably have other scanners and so will be somewhat familiar with scanning.

The up conversion design of the Radio Shack PRO-2004/5/6 allows use of a very high IF (intermediate frequency), which all but eliminates image problems. Ironically, the PRO-2006 owner's manual contains a section on images. This section appears in the manuals for most other Radio Shack models, and was thoughtlessly included in the PRO-2006 manual. It babbles on about images being 21.4 MHz away from the real frequency -- true for simpler models, but not so for the PRO-2006.

There is no schematic. Thankfully, detailed service manuals for Radio Shack scanners are usually available for $12.00 or so.

The PRO-2006 is warranted for 1 year, which is reassuring.

What's Missing?

So with all these neat features, what's missing from the PRO-2006? It would have been better to have more channel banks with fewer channels in each bank, say 20 banks of 20 channels. A "search and store" mode, like that on the ICOM R7000 and older Bearcat 250 would have been nice, and such a

circuit is being marketed by Key Research. A lighted keyboard and a signal strength meter would also be welcome, as would a mobile mounting bracket and SCA output jack.

A frequency query facility, as found in the Uniden 200XLT, would have been very useful to finding in what memory channel a given frequency is stored.3 Mega-channel scanners

really need this feature and it would have been trivial to implement in the PRO-2006 firmware.

Summary - It's Tops

If all one wants is a scanner to monitor local police and fire, there are certainly cheaper and simpler models than the PRO-2006. This scanner is the best base/mobile scanner available at time of writing. AOR's AR-2515 has more channels, but its buggy firmware and tendency to skip active channels prevent it from taking top honors. At about $400, the PRO-2006 scans much better than the ICOM R7000, a great VHF/UHF communications receiver, priced at over $1000.

The PRO-2006 has the right features and performance, especially for scanning the wide 225-400 MHz military aircraft band and the newer federal law enforcement radio systems with their dozens of channels.

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3. "Uniden/Bearcat 200XLT Scanner Review," by Bob Parnass, AJ9S. The Radio Enthusiast, August 1988.

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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3063. Re: Carnival Cruise Line Freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-11 21:32:27 UTC
From: kjn@netcom.com
Message-ID: <kjnD5Ap64.GqM@netcom.com>
Source record: 260388

John Fogg says:
" I'm going on a Carnival Cruise and would like to know if anyone knows
" any good freq's that the ship may be transmitting or receiving on.
" Either internally on the ship or externally such as ship to shore or
" navigational.

156.3 & 156.35 were used on the last cruise I was on to communicate with the shuttle boats. the following list will help if you don't have one already. The Carnival agents at the various ports also use the 156.35.

One of the first things I do when I get into my stateroom is to rig up the antennas across the outside window.

Several years ago we were on an NCL ship in the Gulf of Mexico and heard a "MAYDAY" on 156.8 about 1 in the morning (yes, the scanner stays on all night...). My girlfriend and I went up on deck and brought the scanner AND my ICOM handheld that covered the marine band. Our ship had stopped and the crew were using their search lights to aid in the search. They found some debris floating.

The CG had been calling the cruise ship on 156.8 but no one was responding. My girlfriend and I went up to the bridge and advised shift capt. that the CG was calling. We then used my hand held to communicate with the helo on ch 16 and 21.

Kind'a neat...

Last year we were in Jamacia and as the ship left the dock a passenger ran to the terminal. The local security held her up as they did a full search of the woman's bags. No GONGA there...

We were about a 1/4 mile off the dock and heading out to sea.
I again used my handheld and called the "Holiday Bridge" on 156.3.
I told them that they "...had left a passenger at the dock" .

The ship slowed. They called for a water taxi to bring the woman out. Unfortunately, the gangway was WAY too high for the small taxi. The crew of the Holiday had to quickly remove a window access on one of the lower decks pass out a life jacket to the woman, then bring her in thru the emergency access. It wasn't a graceful entrance...

Needless to say that everyone on board our ship ran from one side of the boat to the other as the water taxi came about to deliver the embarrased woman. Lots of yells and applause as she was *pulled* aboard.

Two morals here:
1) handhelds are fun on board,

2) don't be late for the boat!

A third incident occurred in Grand Cayman as we were getting ready to depart. One of the passengers got injured on shore and required hospitalization. The ships doctor left the ship and responded to the shore. There was a lot of traffic between the ship's security personnel and the bridge about the need for the doctor. The capt was hesitant to have the doctor away from the ship.

The ship was delayed for about an hour while the injured person was taken to the hospital and evaluated by local and ships doctors. Eventually, the ships stewards responded to the person's cabin and packed all their belongings and took them to shore. The injured man and his wife were left behind and were eventually flown home.

We were *very* popular on the ship since we were the only one's on the deck with a scanner so we knew what the problems were....

Yes, I'd certainly suggest that you take it along wth you - expecially while in port.

Regards;
Ken Navarre

==========
CH.#
06 156.3 intership safety 07 156.350 commercial
08 156.4 comm. 09 156.450 comm.
10 156.5 comm. 11 156.550 comm.
12 156.6 port operations 13 156.650 navigational
14 156.7 p.o. 15 156.750 environmental
16 156.8 calling/distress 17 156.850 state control
18 156.9 comm. 19 156.950 comm.
20 157.0 p.o. 21 157.050 C.G.
22 157.1 C.G. 23 157.150 C.G.
24 161.8 Radio telephone 25 161.850 R.t.
26 161.9 R.t. 27 161.950 R.t.
28 162.0 R.t. 65 156.275 p.o.
66 156.325 p.o. 67 156.375 comm.
68 156.425 non-comm. 69 156.475 non-comm.
70 156.525 non-comm. 71 156.575 non-comm.
72 156.625 non-comm. 73 156.675 p.o.
74 156.725 p.o. 77 156.875 comm.
78 156.925 non-comm. 79 156.975 comm.
80 157.025 comm. 81 157.075 C.G.
82 157.125 C.G. 83 157.175 C.G.
84 161.825 R.t. 85 161.875 R.t.
86 161.925 R.t. 87 161.975 R.t.
88 157.425 comm.

--

3064. Icom R1 For Sale...

Newsgroup: rec.radio.scanner
Date: 1995-03-11 22:12:57 UTC
From: evangel95@aol.com
Message-ID: <3jt799$9a5@newsbf02.news.aol.com>
Source record: 260386

Full frequency Icom R1 for sale. No blocks. Absolutely like brand new.
Email to Evangel95@aol.com

3065. Ar1000xlt book

Newsgroup: rec.radio.scanner
Date: 1995-03-11 22:19:00 UTC
From: mike.agner@woodybbs.com
Message-ID: <93.4456.7592.0NFB97E2@woodybbs.com>
Source record: 260385

Hi Mr.Wag - the name of the book you are looking for is the 'Guide to the AR1000', and is sold by many shops, including Grove Enterprises. It is written by Howard Bornstein, and as I recall, it sells for about $20US. I have the radio and an earlier version of this book; if you have one of these series' radios, this book is a must have....
Good luck Mike Agner KA3JJZ

--- PCB15.21+GEcho 1.02
* Origin: BorderTech BBS, Hampstead, MD *USA* 410.239.4247 (1:261/1355)

3066. Uniden SportScan

Newsgroup: rec.radio.scanner
Date: 1995-03-11 22:29:44 UTC
From: Richard Williams <richlw@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950311172805.20145A-100000@moose.erie.net>
Source record: 260387

Had the opportunity to check out a Uniden Sportscan at a local radio
store. Would appreciate any and all comments from those familiar with
this scanner as to reliability, functioning, recommendations etc.
Thanks,
Dick

3067. State Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1995-03-11 23:24:09 UTC
From: fsw9724@vaxb.isc.rit.edu
Message-ID: <1995Mar11.232409.7313@ultb.isc.rit.edu>
Source record: 260390

With the current debate on where it is legal to have a scanner in the car, and where it isn't..I thought I would add my two cents.

What happens when you have out of state plates and get stopped in a state that outlaws scanners? It's happened to me, twice. Both in New York State, where I go to school..Once by New York State Police and once by a county sheriff...Both times, my Massachusetts Plates seemed to save me...There was no mention by either police officer about the three scanners and one two way radio in my car...

Has anyone else had these experiences, and what does the law say?

Some gun laws allow those properly licensed in other states to "pass through" the state carrying a firearm. Is the scanner law the same?

Just wondering..

Scott/C75

3068. Re: secure clear

Newsgroup: rec.radio.scanner
Date: 1995-03-11 23:32:21 UTC
From: Tom Howley <76261.3434@CompuServe.COM>
Message-ID: <3jtbu5$3pc$1@mhadf.production.compuserve.com>
Source record: 260389

They use inversion scrambling, I bought one and tested it for the very reasons you are asking. You will probably have to buy a 900 MHz phone to have a digital link. Be careful, they all tell you they are more secure than regular cordless phones, but most of them tell you it is because they use 900 MHz. Come on guys, every scanner made in the last few years has 900MHz, now how secure is that!

Tom

3069. Re: Blimp freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-11 23:33:32 UTC
From: jdemaree@dialin.ind.net
Message-ID: <3jtc0c$lfk@aim.tech.iupui.edu>
Source record: 260391

Try 151.625 Blimp to grown crew

****
* Jonathan Demaree Internet jdemaree@dialin.ind.net
* (Jack) Demaree MCIMail jdemaree@MCIMail.com
* 1071 S. St. Rd. 129 ---
* Versailles, Indiana Packet WB9OTX@N8GTC.#CIN.IN.USA.NA
* U.S.A. 47042 WB9OTX ZF2GO VP5/wb9otx
* Phone: 812-689-5960 TVRO - Weather Sats - Ham Radio
****

3070. Re: All-band scanner beam?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 00:54:38 UTC
From: rtm@newton.apple.com
Message-ID: <rtm-1103951654380001@kip-97.apple.com>
Source record: 260424

In article <3j3jkd$mat@newsbf02.news.aol.com>, ncarrigan@aol.com (NCarrigan) wrote:

>
>
>
> Does anyone know right off hand, if there is a scanner beam out there?
> That essentially has a broadband reception capability, but in a
> directional form.
>

A company called Create sells log periodic antennas- fairly wideband- that will work well with scanners. They look like a tv antenna on steroids. The CLP5130-1 covers from 50 to about 1300 MHz, the CLP5130-2 covers from about 105 to 1300 MHz. The -1 is 7 feet long, and the -2 is 5 feet long. About $300 for the -1 and $200 for the -2. F/B ratio of about 15dB, gain 10-13dBi.

If you're interested in these antennas, they're carried by places such as Texas Towers, and ham radio stores.

To make effective use of antennas like these, you need to look at other factors as well.

1) Feedline. If you're going to be making use of one of these above 144 MHz, good feedline is a must- 9913 or Times Microwave LM400 at a MINIMUM.

2) Rotator/mount- polarization. If you're going to use it horizontally polarized, then a normal radio shaft rotator will do it. If you want to use it vertically polarized, then you need a 6 foot or so NON-CONDUCTING mast, and most likely a better rotator to handle the added wind load.

3) Receiver front end. Hook one of these up to a receiver with a crummy front end and you'll hear things you've never heard before- in fact, you'll hear things that don't exist as your front end is totally swamped.

I've got the CLP5130-1 up on the roof, fed by 9913. Works quite well for the amateur radio bands. It has been a big help for recent space shuttle missions that only peak up about 12 degrees above the horizon.

cheers-

--

Bob Martin N6MZV * rtm@newton.apple.com
Apple Computer, Inc * #include <disclaimer.h>
--

3071. Re: Bearcat 9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-12 00:57:44 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3jtgu8$4h6$3@mhadf.production.compuserve.com>
Source record: 260392

ANY 250 memories in the 9000XLT may be alpha tagged, not just the first 250 (like in the 8500XLT). No cell mod is needed since the 9000XLT gets cell images loud and clear in the 360-385MHz range (NFM).

3072. Re: Monster truck remote kill frequencies???

Newsgroup: rec.radio.scanner
Date: 1995-03-12 01:25:12 UTC
From: kerhop@eskimo.com
Message-ID: <D5Azy0.6DE@eskimo.com>
Source record: 260393

David A. Webb (mudaw@uxa.ecn.bgu.edu) wrote:
: At the last monster truck show I went to (also the first one),
: They kept bragging about the radio remote engine kill switches.
: The guy standing way over there had what appeared to be a walkie-talkie,
: with a DTMF keypad on the front. I assume he just transmitted a few
: tones, and the receiver in the truck told the computer to kill
: the engine.
: Anyone know any more about this?

do I sense a naughty mind in the audience? ;)

3073. Re: Bearcat 9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-12 01:30:03 UTC
From: jeff l liberman <jeffl@evansville.net>
Message-ID: <Pine.SOL.3.91.950311192637.26533B-100000@world.evansville.net>
Source record: 260394

On 12 Mar 1995, Jeff Goldman wrote:

> ANY 250 memories in the 9000XLT may be alpha tagged, not just the first
> 250 (like in the 8500XLT). No cell mod is needed since the 9000XLT gets
> cell images loud and clear in the 360-385MHz range (NFM).
>
>
Jeff how have you been?

Do you feel like me that Uniden finaly has a very good base unit in the
9000.
Boy pricing for me on this model has been a nitemare to compete with.
From Grove at 499.00 to some Scanner World at or below 400.

Very strange never seen such a price swing as on this model.

Jeff
HS

3074. How To Improve AM on AOR1000xlt?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 02:00:21 UTC
From: phwong@unixg.ubc.ca
Message-ID: <3jtkjl$gm5@nnrp.ucs.ubc.ca>
Source record: 260395

I have an AOR 1000 xlt claimed to receive AM. SW, MW, etc. But I can
barely hear only some strong AM stations and none SW or MW stations.

Does anyone know how to improve the reception of this rig for the AM?

I am interested in not to carry 10-20 feet of copper wire down the street;
so any ideas are appreciated. Thanks in advance -peter

--
E-mail From Beautiful Vancouver B.C. Canada
please reply to phwong@unixg.ubc.ca

3075. Re: Plano, TX. Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-12 02:28:10 UTC
From: toby15@aol.com
Message-ID: <3jtm7q$d6q@newsbf02.news.aol.com>
Source record: 260396

Re Ivan Paynter's message:

llorance@ix.netcom.com (Larry Lorance) wrote:
>
> Anyone that has the up-to-date freqs for the Plano, Texas police and
> fire departments will you please post these freqs. I understand these
> departments have gone 800 Mhz.

IP>> Larry,
IP>> I'm monitoring them as I type. They have been on a trunk system
IP>> for over two years. There are 20 freq's listed to then, But I have
IP>> found they only use the last 10.

Actually, the police and all other public agencies use all 20 frequencies. However, the lower set (821, 822, 823 MHz) are the repeater input freqs. If a patrol car is within a few blocks of your scanner, you'll hear it. The upper set (866, 867, 868 MHz) are the repeater output. These are the only freqs you need to scan.

I've never heard any police units ask to bypass the repeater and use only the input freqs. (In fact, I don't think their radios are set up to receive inputs freqs. They would have to be a separately named 'talk-group'.) Detectives, on the other hand, do use digital encryption quite often.

3076. Re: Any good frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 02:43:01 UTC
From: toby15@aol.com
Message-ID: <3jtn3l$dc5@newsbf02.news.aol.com>
Source record: 260398

>> From: iceman3207@aol.com (Iceman3207)
>> Date: 8 Mar 1995 03:53:36 -0500
>> Message-ID: <3jjrag$fm3@newsbf02.news.aol.com>

>> Need frequencies of anything, anywhere. Sports teams, police, fire,
>> ambulance. Give them all.

I'm curious why you aren't the least bit geographic-specific. If you are in MA, for instance, what good will KS and WY frequencies do you? I don't have enough channel slots to worry about transmitters located beyond the range of my reception.

If you don't have access to any of: 'Police Call', 'Beyond Police Call', 'ScannerMaster', 'PopComm', 'Monitoring Times', or 'RCMA Scanner Journal', I would think that simply reading this newsgroup for a couple of weeks would fill up all the frequency slots your scanner will hold.

3077. Re: READ NOW!!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-12 02:43:33 UTC
From: toby15@aol.com
Message-ID: <3jtn4l$dco@newsbf02.news.aol.com>
Source record: 260400

I second D. Stark's reply!!

3078. Test

Newsgroup: rec.radio.scanner
Date: 1995-03-12 02:46:02 UTC
From: Eddy <76353.2400@CompuServe.COM>
Message-ID: <3jtn9a$l3q$1@mhadg.production.compuserve.com>
Source record: 260397

test

3079. Univ. of CA, Santa Barbara freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-12 02:47:02 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <81150@sdcc12.ucsd.edu>
Source record: 260399

I'm looking for freqs. for the Univ. of CA at Santa
Barbara, and the surrounding community of Isla Vista. In
particular, I'm interested in campus police, and the Isla Vista
Foot Patrol. Also, the freqs. of the organizations that make up
the Foot Patrol office (CHP, Sherrif). Thanks in advance!

J.D. Ross
jdross@sdcc13.ucsd.edu

3080. Re: NASA freqs. in St. Paul MN

Newsgroup: rec.radio.scanner
Date: 1995-03-12 03:10:13 UTC
From: faz@winternet.com
Message-ID: <3jtodd$l1j@blackice.winternet.com>
Source record: 260402

In article <3jsqa0$kce@usenetp1.news.prodigy.com>,
XSXR56B@prodigy.com (Matthew Todd) wrote:
>Does any one know how to here the shuttle in the St. Paul area in MN.
>Please E-mail I'm not on that much
>-
> MATTHEW TODD XSXR56B@prodigy.com
>
Try listening in the 145.xxxx region.
If you've got a discone antenna you should pick things up pretty clearly.

The Faz faz@winternet.com
The Network, R&D
http://www.winternet.com/~faz/
ftp://ftp.winternet.com/users/faz

3081. Re: renewal batteries

Newsgroup: rec.radio.scanner
Date: 1995-03-12 03:32:35 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3jtq0j$mjf@mailer.fsu.edu>
Source record: 260403

But can you charge Renewal batteries in your scanner? This is very important to me. For now, I'm very happy with my HI-CAPACITY Ni-Cads. They seem to last almost as long as alkaline batteries.

---------- | naus@cs.fsu.edu
---------- James	naus@freenet.fsu.edu
---------- Naus	Florida State University
----------	Tallahassee, Florida USA

3082. Re: AR8000 FOR SALE...

Newsgroup: rec.radio.scanner
Date: 1995-03-12 03:36:46 UTC
From: victors@world.std.com
Message-ID: <D5B61B.HLw@world.std.com>
Source record: 260405

The AR8000 I had for sale has been sold. The highest bidder was
for $620.

Thanks,
Vic

3083. Re: Blimp freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 03:38:27 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3jtqbj$mjf@mailer.fsu.edu>
Source record: 260404

Daniel Farrell Becker (dbecker@tiger.lsu.edu) wrote:
: Hey, now I'm very interested in getting the Blimps freq. especially
: Goodyear's. It might be good in the FAF to have.

: dan

This is a file which was posted about a month ago. I think it should
keep you busy. :-) I hope John doesn't mind.
James

-Start File ----------

GOODYEAR BLIMP FREQUENCIES

By John (Topol) Johnson KWV8BP
Source: Monitoring Times

Here are a few frequencies you might want to monitor if you ever see one
of the Goodyear Blimps fly overhead. A couple quick notes first, there are
three Blimps in operation in North America a fourth is operated in Europe.
The American blimps are stationed at three locations, one on each coast
and one in-between. The Enterprise, tail number N1A, is based in Pompano
Beach, Florida: the America, tail number N3A, is based near Houston, Texas
and the Columbia, tail number N4A, is based in Los Angeles.
Each blimp is accompanied by a three vehicle ground fleet consisting of a
van, a tractor-trailer, and a Greyhound-like bus.

The communications between the blimp and ground crew are normally held on
151.625 Mhz. The blimp also uses VHF aircraft band, communications can be
monitored here at 132.00 Mhz. AM. Below is a list of other frequencies used
by the blimp.

123.050 Common Blimp port frequency

123.250 Suffield (Ohio) Wingfoot Lake Facility

132.000 Goodyear Tire & Rubber Company channel

151.625 Blimp Operations NBFM

465.9125 Blimp Operations NBFM - Low Power

465.9375 Blimp Operations NBFM - Low Power

465.9625 Blimp Operations NBFM - Low Power

This file was brought to you by John Johnson KWV8BP of The Hotline,
we offer many files and a bulletin area devoted to Scanner & Radio
related topics. Stop in and give us a look...

The Hotline BBS 304-736-9169 or 304-743-7909

--

---------------==
------------========== | naus@cs.fsu.edu
----------=========== James | naus@freenet.fsu.edu
----------=========== |-----------------------------------
----------=========== Naus | Florida State University
------------========== | Tallahassee, Florida USA
---------------==

3084. The Netherlands 450-470 MHz

Newsgroup: rec.radio.scanner
Date: 1995-03-12 03:49:35 UTC
From: stanley@skyking.OCE.ORST.EDU
Message-ID: <3jtr0f$g86@gaia.ucs.orst.edu>
Source record: 260413

Can someone give me a quick breakdown on the 450-470 MHz band in Holland? Even more particular, 464-467.

3085. Grundig yb-500

Newsgroup: rec.radio.scanner
Date: 1995-03-12 03:54:37 UTC
From: keeney@helmholtz.ecn.purdue.edu
Message-ID: <3jtr9t$pqt@mozo.cc.purdue.edu>
Source record: 260406

Can someone fill me in on the Grundig YB-500?
Goes for about $300 mail order. Does this one
have the cellular frqs blocked?

3086. RS PRO -62

Newsgroup: rec.radio.scanner
Date: 1995-03-12 03:58:57 UTC
From: johnp73440@aol.com
Message-ID: <3jtri1$ejv@newsbf02.news.aol.com>
Source record: 260407

Anyone have info on the new RS handheld PRO-62?

3087. Wanted ICOM 7100

Newsgroup: rec.radio.scanner
Date: 1995-03-12 04:40:33 UTC
From: OpenOp@ix.netcom.com
Message-ID: <3jtu01$dgf@ixnews4.ix.netcom.com>
Source record: 260408

If you have an old ICOM 7100 you want to sell please send me email.

Thank you.

3088. Question about Pro-39 mod

Newsgroup: rec.radio.scanner
Date: 1995-03-12 05:13:01 UTC
From: Terry.Vansickle@f17.n275.z1.fidonet.org
Message-ID: <4bd_9503141334@woodybbs.com>
Source record: 260423

I missed the post. How do you mod the pro-39?? Do you need to check the date code or are all Pro-39 winners? Thanks,Terry
--- FMail 1.0g
Origin: ab5sm1netcom.com (73:6101/0)
--
|Fidonet: Terry Vansickle 1:275/17
|Internet: Terry.Vansickle@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3089. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-12 05:28:19 UTC
From: wn8tdan@aol.com
Message-ID: <3ju0pj$g09@newsbf02.news.aol.com>
Source record: 260411

GO! Thats all I can say. I have gone every year for several years. Last year I left dreary Ohio for Sunny Arizona. I'm very glad I left. The ONLY thing I miss about Ohio is the Dayton Hamfest. GO.
Dan, WN8T

3090. HELP *** HELP *** OSU Police frequency Wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-12 05:39:13 UTC
From: username@osu.edu
Message-ID: <username-110395233913@slip1-100.acs.ohio-state.edu>
Source record: 260409

I am trying to get the frequency or frequencies that The University Police at Ohio State University use.

If anyone knows it please share it with me!

Thank you

3091. Re: Grundig yb-500

Newsgroup: rec.radio.scanner
Date: 1995-03-12 05:54:00 UTC
From: jerrygee@aol.com
Message-ID: <3ju29o$gfh@newsbf02.news.aol.com>
Source record: 260412

I believe that this is a Shortwave radio...1.6-30 mhz.....a long way from 800mhz!

3092. Re: AOR 8000 and SW

Newsgroup: rec.radio.scanner
Date: 1995-03-12 05:55:22 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.16om@portal.apana.org.au>
Source record: 260371

On Fri 10-Mar-1995 11:30a, opp wrote:
o> In article <3j7oq2$d0b@pulm1.accessone.com>, rdavison@accessone.com wrote:

o> > Any reports on how the 8000 performs on short wave?
o> > Regards,
o> > Randy Davison
o> > K7VOE

o> I have my aor8000 set to search the shortwave spectrum and have gotten
o> decent reception using the radio shack center-weighted antenna. I havent

Over the last week here in Australia with my 8000 I have heard `Radio Moscow??' on 12.0150Mhz AM at around 10pm for the last few nights... It comes in patchy just like on a SW radio, but not bad considering i was in the car and it was still quite audible...

I have an aor 1500 Rubber Ducky Antenna that I use on my 8k mainly...

Quote: Reality is for people who can't deal with drugs.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

3093. Scanner Earphone -> CD Input, SBlaster?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 06:06:21 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.16os@portal.apana.org.au>
Source record: 260372

Hello there...

I have an Aor8000 which i use the earphone with a mono bud socket so i can hear my scanner clearly when driving which works quite well..

In my car I have a stereo that has a `CD Input' on the front so you can plug a discman cdplayer in and listen to CD's cheaply? in the car without buying a CD unit.. Anyway, can some one tell me if it would be OK to solder up a male<>male plug that would go from my scanner into the stereo CD input so that it is output on the speakers (Ill hear it then! :)..

CD Input Level = 250mV
CD Impedance = 600omh

Also, whats the go with say plugging the scanner into the MIC input of a Soundblaster 16 to digitize something thats being RX on the scanner?

I have also found in Melbourne (are there any Melbourne people out there) Australia, on 151.9500 Mhz NFM some form of TX that sounds like backwards speech! They play some music aswell as talk like general chatter and i just cant work out what it is, so i want to Digitize and flip it, or use some s/ware to invert and play it realtime like I have on the amiga...

Quote: Darkwing Duck RuLeZ!

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

3094. case for handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-12 06:13:42 UTC
From: ad065@FreeNet.Carleton.CA
Message-ID: <D5BDAu.9C0@freenet.carleton.ca>
Source record: 260414

anyone know where i can get a good nylon case for a pro-43 scanner.i cant seem to find anyone how sells them..thanks jim

3095. keys

Newsgroup: rec.radio.scanner
Date: 1995-03-12 06:15:05 UTC
From: ad065@FreeNet.Carleton.CA
Message-ID: <D5BDD5.9F9@freenet.carleton.ca>
Source record: 260415

my scanner tipped over tonight and the fall took out part of a button,anyone know where i could get a new one?...thanks..

3096. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-12 06:48:07 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5BEw8.BJM@agora.rdrop.com>
Source record: 260416

In article <D582v5.Ao1@dorite.use.com>,
Darwin Teague <darwin@dorite.use.com> wrote:
>In <rpollock.51.04D3D827@knowton.synapse.net>, rpollock@knowton.synapse.net
>(Ron Pollock Ont. Canada.) wrote:
>: : >Fran, your post mistakenly implies that these states outlaw mobile
>: >: >scanners for everyone. I know that Indiana, for example, allows hams to
>: >: >have scanners in their vehicles. If you are going to post such a list,
>: >: >you should give the exceptions too.
>: >: >--
>: >: Minnesota allows you to have scanners in your car if your a ham too.
>
>: >Actually, all of those states exempt hams from the applicable law(s).
>: >Only one of those states (Michigan I believe) specifies that to have
>: >the ham exemption you must be a technician class or higher (therefore
>: >a ham with a novice license is excluded from the exemption).
>
>: Why in the world would a ham be be allowed to use a mobile scanner and
>: nobody else? Why would it be a crime to anyone else? What makes the ham
>: operator so privlaged? It doesn't make sense!
>
>The original intent here is that many ham transceivers also can receive
>public service frequencies. THIS is the real reason that many states
>exempt hams from scanner laws.

I believe that you'll find that ham's aren't exempt with regards to just
scanners. They can have ham gear that scans, but not scanners. They
aren't exepmt.

On another note, some of the states that have laws outlawing mobile
scanners, I was just talking to a guy from one of the mid-west states
that outlaw them, sort of.. He said you can't have them without a
permit. Then it's ok. They just require you to get a permit to have a
mobile scanner in your car.

TTFN

-Steven

3097. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-12 06:54:36 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5BF70.C1y@agora.rdrop.com>
Source record: 260419

In article <D578Gu.Mpz@agora.rdrop.com>,
Steve Culliton <stavros@agora.rdrop.com> wrote:
>In article <Pine.LNX.3.91.950306044727.3854B-100000@moose.erie.net>,
>Richard Williams <richlw@moose.erie.net> wrote:
>>
>>
>>On 6 Mar 1995, Lawrence Lee wrote:
>>
>>> Richard Williams (richlw@moose.erie.net) wrote:
>>> information to help my decision between a Bearcat and a Pro-43
>>Yep, your description sounds like the one advertised. The price here in
>>the States is $200 according to the catalog I was reading. So what did
>>you buy? The Pro-43 or the Bearcat? BTW, this scanner (I forgot to
>
>I just saw the SportCat advertised for $174.xx in one of the scanner
>magazines... And no, I don't remember which one, I didn't buy it at the
>time, just looked through it...
>

Ok, got the magazine. It's in Monitoring Times, Feb 1995. The ad is
from Communications electronics, Inc. Sportcat 150 handheld $178.95.

Credit card calls only 1-800-USA-SCAN.
Address: Communications Electronics Inc.
P.O. Box 1045, Ann Arbor, Michigan 48106-1045 USA

For info call 313-996-8888 or fax 313-663-8888.

Disclaimer: I haven't ever delt with them, and I don't know
anything about them. This is just a FYI only kinda post.
TTFN

-Steven

3098. Re: case for handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-12 08:14:29 UTC
From: dpm3@dpm3.seanet.com
Message-ID: <dpm3.321.0040E706@dpm3.seanet.com>
Source record: 260417

In article <D5BDAu.9C0@freenet.carleton.ca> ad065@FreeNet.Carleton.CA (Jim Boyle) writes:

>anyone know where i can get a good nylon case for a pro-43 scanner.i cant
>seem to find anyone how sells them..

Try ham Radio Outlet (they have branches throughout the USA) and ask for
"The Pouch". It is made from the apdded nylon stuff they make wetsuits (or
maybe it is drysuits) for divers from. The small size should work, but the
clerk may be able to tell you better. The padding provides excellent
protection, but you have to remove the '43 from the case to get to the keys.

==========
Dan Morisseau, N7ZXL Auburn, WA 47.17'16"N 122.11'40"W Elev. 300'
GEnie:D.Morisseau Internet:dpm3@dpm3.seanet.com (pref) OR dpm3@prostar.com
==========

3099. Pro-2027 scanner mods

Newsgroup: rec.radio.scanner
Date: 1995-03-12 08:48:33 UTC
From: 92003623@white.lambton.on.ca
Message-ID: <3juch1$sev@white.lambton.on.ca>
Source record: 260418

Hi there everone I have a pro-2027 scanner and I am looking for a way to restore part of my 800 mhz band that has been locked out. If anyone out there has a file about this scanner can they please post it on here or mail me a copy of this file.
Thanks

Jamie

3100. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-12 10:50:05 UTC
From: darwin@dorite.use.com
Message-ID: <D5Bq3I.5q2@dorite.use.com>
Source record: 260420

In <rpollock.51.04D3D827@knowton.synapse.net>, rpollock@knowton.synapse.net
(Ron Pollock Ont. Canada.) wrote:
: : >Fran, your post mistakenly implies that these states outlaw mobile
: >: >scanners for everyone. I know that Indiana, for example, allows hams to
: >: >have scanners in their vehicles. If you are going to post such a list,
: >: >you should give the exceptions too.
: >: >--
: >: Minnesota allows you to have scanners in your car if your a ham too.

: >Actually, all of those states exempt hams from the applicable law(s).
: >Only one of those states (Michigan I believe) specifies that to have
: >the ham exemption you must be a technician class or higher (therefore
: >a ham with a novice license is excluded from the exemption).

: Why in the world would a ham be be allowed to use a mobile scanner and
: nobody else? Why would it be a crime to anyone else? What makes the ham
: operator so privlaged? It doesn't make sense!

The original intent here is that many ham transceivers also can receive
public service frequencies. THIS is the real reason that many states
exempt hams from scanner laws.

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3101. key west

Newsgroup: rec.radio.scanner
Date: 1995-03-12 10:50:12 UTC
From: darwin@dorite.use.com
Message-ID: <D5Bq3p.5ro@dorite.use.com>
Source record: 260421

I plan on going to Key West soon..... I would really appreciate freqs of
interest there. Also the Key West airport, maybe even the Tampa airport.
I'm taking my radios with me........

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3102. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-12 12:37:34 UTC
From: <>
Message-ID: <3jupue$od7@moose.erie.net>
Source record: 260422

In <D5BF70.C1y@agora.rdrop.com>, stavros@agora.rdrop.com (Steve Culliton) writes:
>In article <D578Gu.Mpz@agora.rdrop.com>,
>Steve Culliton <stavros@agora.rdrop.com> wrote:
>>In article <Pine.LNX.3.91.950306044727.3854B-100000@moose.erie.net>,
>>Richard Williams <richlw@moose.erie.net> wrote:
>>>
>>>
>>>On 6 Mar 1995, Lawrence Lee wrote:
>>>
>>>> Richard Williams (richlw@moose.erie.net) wrote:
>>>> information to help my decision between a Bearcat and a Pro-43
>>>Yep, your description sounds like the one advertised. The price here in
>>>the States is $200 according to the catalog I was reading. So what did
>>>you buy? The Pro-43 or the Bearcat? BTW, this scanner (I forgot to
>>
>>I just saw the SportCat advertised for $174.xx in one of the scanner
>>magazines... And no, I don't remember which one, I didn't buy it at the
>>time, just looked through it...
>>
>
>Ok, got the magazine. It's in Monitoring Times, Feb 1995. The ad is
>from Communications electronics, Inc. Sportcat 150 handheld $178.95.
>
>Credit card calls only 1-800-USA-SCAN.
>Address: Communications Electronics Inc.
> P.O. Box 1045, Ann Arbor, Michigan 48106-1045 USA
>
> For info call 313-996-8888 or fax 313-663-8888.
>
> Disclaimer: I haven't ever delt with them, and I don't know
> anything about them. This is just a FYI only kinda post.
>TTFN
>
>-Steven
>
>
>
>
Thanks Steve. Good price! They sell locally for 240 buck with the charger.
Dick

3103. Re: Pro-43 3A4 date code Dude at RC said it could be modified "Did he lie"

Newsgroup: rec.radio.scanner
Date: 1995-03-12 13:40:10 UTC
From: tjmiles@ix.netcom.com
Message-ID: <3jutjq$m7d@ixnews4.ix.netcom.com>
Source record: 260325

In <3jr27r$a8u@ionews.ionet.net> pdankbar@ionet.net (Paul Dankbar) writes:

>
>Hello everyone,
>
>Just wonder if I got a bum rap. I bought a PRO-43 back last November
>'94 and (I know I should have checked here first for the date code stuff,
>but I wasn't a member of the Internet yet) I ask the guy from RC if this
>one could be modifed. The responce I got was 'YES', so i bought it. Just
>wondering from all the experienced people here if this one can or cannot
>be modifed.
>
>Plus why the heck would they modify a scanner they were going to
>discontinue anyway?
>
>Serial number is - A002524
>FCC-ID is -------- AA020-300A
>Date code is ----- 3A4

Paul,
It looks like they put an older manufacture date sticker on
a newer unmodifiable scanner. I'd go by the serial number in determining
whether a scanner can be modified or not myself, since it's less likely to
have been messed with or swapped. But, given the fact that the serial
number on yours starts with an "A", I'd say you definitely got one of the
newer ones which can't be modified. Am I right that the date code you are
referring to is just a little paper sticker (which didn't belong on your
scanner)?

Terry

--
tjmiles@ix.netcom.com

3104. Re: Pro-43 3A4 date code Dude at RC said it could be modified "Did he lie"

Newsgroup: rec.radio.scanner
Date: 1995-03-12 14:13:12 UTC
From: heglowstein@bix.com
Message-ID: <3juvho$i8t@news1.delphi.com>
Source record: 260326

Paul Dankbar (pdankbar@ionet.net) wrote:
: Hello everyone,

: Just wonder if I got a bum rap. I bought a PRO-43 back last November
: '94 and (I know I should have checked here first for the date code stuff,
: but I wasn't a member of the Internet yet) I ask the guy from RC if this
: one could be modifed. The responce I got was 'YES', so i bought it. Just
: wondering from all the experienced people here if this one can or cannot
: be modifed.

: Plus why the heck would they modify a scanner they were going to
: discontinue anyway?

: Serial number is - A002524
: FCC-ID is -------- AA020-300A
: Date code is ----- 3A4

: Thank you for the info in advance.

: Paul

According to the FCC ID, you got one that won't take the 800 MHz
band expansion mod. Why would they modify one they were going
to discontinue? It was in the catalog for a year afterwards,
so I wouldn't say they were planning to discontinue it. The Pro 2006
was one they planned to kill, and that one never appeared blocked.

If you had opened it right away to do the mod and found that
the diodes were missing, you could have just taken it back if
the blocked bands bother you.

3105. Re: secure clear

Newsgroup: rec.radio.scanner
Date: 1995-03-12 14:49:31 UTC
From: scan911@aol.com
Message-ID: <3jv1lr$juu@newsbf02.news.aol.com>
Source record: 260327

>>Has anyone got any info on the Moto Secure Clear cordless phones?
>>Do they use a simple voice inversion scrambling that is easy to
>>eavesdrop on or is it more complex? I'm not interested in trying
>>to descramble, I'm only curious about how secure they really are
>>from casual eavesdroppers.

It's simple voice inversion scrambling. Any old Don Nobles decoder can
tune them in. (I have one and I can decode it.)

|
|
' --|--
/|\
' ___|_____________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

3106. Scanner Sale UK only

Newsgroup: rec.radio.scanner
Date: 1995-03-12 15:07:19 UTC
From: equinox@hades.business.co.uk
Message-ID: <9503121505.AA24431@hades>
Source record: 260328

I have a couple of radios for sale
Yaesu FRG9600 with 950MHz all mode.
AM, FM, WFM SSB. Gud order =A3150

Kenwood RZ1 with 960MHz.
AM, FM, WFM. =A3150

Email me at equinox@business.co.uk
73 de Geoff
****
*GEOFF BROWN, GJ4ICD, GJ4HXJ, GJ8ORH *
* JY8IC. *
* E MAIL TO: *
* EQUINOX@BUSINESS.CO.UK *
* OR FAX/PHONE *
* 01534 77067 ANYTIME *
* SNAIL MAIL TO: *
* P.O.BOX 100, JERSEY. C.I. *
****

3107. D BECOMES EVER MORE COMPL

Newsgroup: rec.radio.scanner
Date: 1995-03-12 15:08:23 UTC
From: sam@net-works.com
Message-ID: <03121995.070823@net-works.com>
Source record: 260329

[No readable article body recovered]

3108. scantrix

Newsgroup: rec.radio.scanner
Date: 1995-03-12 15:11:11 UTC
From: dkwood@idirect.com
Message-ID: <3jv2uf$lg5@news.compulink.com>
Source record: 260363

i produce a scanner guide called scantrix frequency and information guide and on disk .. get back

3109. MX7000

Newsgroup: rec.radio.scanner
Date: 1995-03-12 16:21:53 UTC
From: tim.bono@asb.com
Message-ID: <9503121621.0MZML00@asb.com>
Source record: 260348

I recently came across a regency MX7000, looks to be in very
good condtion, but I need a 12v or 120v (or both) power cable for
it..... it's a small 3 prong triangular shaped jack on the back.

Any ideas?

Thanks

Tim
tim.bono@asb.com

... Call the Metro Fire/Rescue BBS, 516-488-4325, 8N1, 14400, now 4 lines!
___ Blue Wave/QWK v2.12

3110. Modifiable 3A4 PRO-43?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 16:26:12 UTC
From: gdallal@world.std.com
Message-ID: <D5C5no.6n6@world.std.com>
Source record: 260330

Just trying to keep the FAQ up-to-date.

It dawns on me that with all of the posts about *non*modifiable 3A4 units, I don't believe I've ever seen confirmation of a *modifiable* 3A4 unit. Has anyone seen one of these, i.e., 3A4 with no A in the serial number and no A at the *tail end* of the FCC ID?

Thanks.

3111. Re: Akron Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-12 16:35:57 UTC
From: af319@cleveland.Freenet.Edu
Message-ID: <3jv7td$p73@usenet.INS.CWRU.Edu>
Source record: 260331

My records show:
Cleveland Metro Lifeflight 155.385s
University of Akron Security 453.425r
453.250r

Check these out.

Chuck.

3112. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-12 16:36:35 UTC
From: t12dl7h@ix.netcom.com
Message-ID: <3jv7uj$bgd@ixnews3.ix.netcom.com>
Source record: 260332

In <3ju0pj$g09@newsbf02.news.aol.com> wn8tdan@aol.com (WN8T Dan) writes:

>
>GO! Thats all I can say. I have gone every year for several years.
Last
>year I left dreary Ohio for Sunny Arizona. I'm very glad I left. The
ONLY
>thing I miss about Ohio is the Dayton Hamfest. GO.
>Dan, WN8T
>

Check the wx forecast carefully before you come. It can be 35 and rain
in the morning and 75 and sun in the afternoon. (68 today...nice ;)).

3113. PRO-2020

Newsgroup: rec.radio.scanner
Date: 1995-03-12 16:39:21 UTC
From: t12dl7h@ix.netcom.com
Message-ID: <3jv83p$bh6@ixnews3.ix.netcom.com>
Source record: 260333

Yep, I know it's old. Anybody know of any mods or tips to maximize effectiveness (besides junking it and getting a real scanner)? -Tim-

3114. Uniden / Bearcat 1-800 # !!

Newsgroup: rec.radio.scanner
Date: 1995-03-12 17:50:06 UTC
From: news@islander.whidbey.net
Message-ID: <3jvc8e$7d@islander.whidbey.net>
Source record: 260347

Uniden/Bearcat --- 1-800-297-1023 ------- subbustr@whidbey.net

3115. Re: ar1000XLT book

Newsgroup: rec.radio.scanner
Date: 1995-03-12 18:26:00 UTC
From: clark.neider@iotp.com
Message-ID: <8A552AE.059E00013D.uuout@iotp.com>
Source record: 260240

-=> Quoting Wag Mok to All <=-

WM> @FROM :wag.mok@woodybbs.com
WM> N @ORIGIN :world
WM> N @UMSGID :<93.4338.7592.0NFB9770@woodybbs.com>
WM> N @UNEWSGR:01rec.radio.scanner
WM> N Message-ID: <93.4338.7592.0NFB9770@woodybbs.com>

WM> Could somebody please tell me where I could get the book for the AOR
WM> AR-1000XLT scanner?

EEB sells a nice one, not factory authorized for $14.95. Ask for Guide
to the AR1000 by Howard Bornstein. 81 pages. EEB at 1 800 368 3270. It
has many hints and mods not covered in the factory manual.

... DX: The "short" wave in channel surfing.
___ Blue Wave/QWK v2.12

3116. Scanner World

Newsgroup: rec.radio.scanner
Date: 1995-03-12 18:37:06 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <3jvf0i$5i@usenet.INS.CWRU.Edu>
Source record: 260334

Would someone mind posting Scanner World's phone number? I'm
interested in finding out how much they are charging for the BC 9000xlt.
Thanks!

--
Mike Wilson CFI-ASEL
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

3117. Re: HELP *** HELP *** OSU Police frequency Wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-12 19:03:19 UTC
From: aliana@infinet.com
Message-ID: <3jvghn$hlq@horus.infinet.com>
Source record: 260335

Your Name (username@osu.edu) wrote:
: I am trying to get the frequency or frequencies that The University Police
: at Ohio State University use.

: If anyone knows it please share it with me!

: Thank you

453.500 I believe is the frequency you are looking for. Also check

458.1875. That may be a secondary channel.

--
aliana@infinet.com

3118. Windows software for scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-12 19:42:02 UTC
From: stephenl@public.compusult.nf.ca
Message-ID: <3jviqa$24j@hobbes.compusult.nf.ca>
Source record: 260337

I currently own a PRO-2006 and a YAESU FRG-100. Does anybody know of a windows program which can operate both these radios? Thanks for your help.

3119. Cellular Theory

Newsgroup: rec.radio.scanner
Date: 1995-03-12 19:46:11 UTC
From: stephenl@public.compusult.nf.ca
Message-ID: <3jvj23$24j@hobbes.compusult.nf.ca>
Source record: 260338

I am very intrested in this topic and I hope that someone can suggest books, etc... which give a good
insight into this area. Please include the addresses/phone numbers of the suppliers if possible.
thank you very much.

3120. PRO-2035 question

Newsgroup: rec.radio.scanner
Date: 1995-03-12 19:46:30 UTC
From: kevin@beacons.cts.com
Message-ID: <1995Mar12.194630.2829@beacons.cts.com>
Source record: 260340

I just bought a PRO-2035 and have a question. There are a few cellular frequencies within an advertised band range on this radio, and it is completely deaf on these frequencies. However, at least 1 business frequency in the same band range comes in fine. Does it actually lock out individual frequencies within a band? How do they do this? My PRO-39 has no problem with any of these frequencies.

Disclaimer: I do not monitor cellular frequencies, I am just curious as to the difference in the 2035 and 39's behavior.

Thanks for any info,

Kevin Sanders

3121. Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1995-03-12 20:03:20 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <D5CFpK.LqM@freenet.carleton.ca>
Source record: 260336

Just wondering if someone could give me a phone number and/or address
where I could get info on subscribing to Monitoring Times. (can't find it
anywhere around here).

Any help would be appreciated.

--
****
"Huukd on foniks wourked fer me!!"
-R. Edmunds (az342@Freenet.Carleton.Ca)
****

3122. Help, Unknown freq's.

Newsgroup: rec.radio.scanner
Date: 1995-03-12 20:41:00 UTC
From: Cosimo.Delrosso@f593.n107.z1.fidonet.org
Message-ID: <a32_9503141301@nisc.fidonet.org>
Source record: 260366

-> Ok... I got the book but these aren't in there.
->
-> 10.595
-> 10.140
-> 37.850
->
-> I picked up an old crystal scanner with these in it.

Maybe the Grove databse can help you.

3123. Re: 51-88 MHz Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-12 21:58:40 UTC
From: jhewitt001@aol.com
Message-ID: <3jvqqg$pds@newsbf02.news.aol.com>
Source record: 260339

Dear reader, 50-54 mhz is 6 meter ham, frequencies above 54 mhz are alocated for vhf tv audio channels. Also, there are some subcarrier stations that broadcast music to shopping centers and services for the blind.

3124. RIDE TO KULPSVILLE WANTED

Newsgroup: rec.radio.scanner
Date: 1995-03-12 22:24:06 UTC
From: h2osport@intac.com
Message-ID: <3jvsa6$snl@uucp.intac.com>
Source record: 260341

HI ALL!
ARE YOU GOING TO ATTEND THE SWL WINTERFEST '95? AS MOST OF YOU KNOW THE FEST WILL BE HELD AT THE HOLIDAY INN IN KULPSVILLE, PA. WHAT I'M LOOKING FOR IS A RIDE FROM THE BERGEN COUNTY AREA OF NEW JERSEY! I'M A VISUALLY IMPAIRED PERSON A (VIP) WHO WISHES TO ATTEND! I AM WILLING TO PAY FOR THE FUEL ONE WAY! ATTACHED IS THE INFO ON THE FEST! i WOULD APPRECIATE A QUICK RESPONCE ON THIS, AS THE FEST IS ON THE 16TH OF THIS MONTH!!!!! PLEASE EMAIL H2OSPORT@INTAC.COM
THANK YOU
JOHN J. ABBAMONT
KA2HOI

3125. Re: Indoor Antenna?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 22:30:09 UTC
From: BIGBOY <orkin@delphi.com>
Message-ID: <pl3buwR.orkin@delphi.com>
Source record: 260342

What i did is put that radio 14$ antenna on a aluminum pole about 3 foot tall and just push it between the back support and the seat part of a folding chair and it worked great,now of course i have a discone antenna mounted in the yard,but its going up on the roof as soon as i take the plastice off the windows.
if you want to use something small,radio shack sales center loaded telescoping antenna that does great also, i have 2 of them for my portable scanners.

3126. Re: AR8000 number worn of in 1 month!

Newsgroup: rec.radio.scanner
Date: 1995-03-12 22:37:03 UTC
From: lgs@midland.co.nz
Message-ID: <lgs-1303951137030001@lgs.midland.co.nz>
Source record: 260345

I bought the vinyl case with transparent front window over the keys from Javiation and this seems to have solved the wear problem permanently.

3127. Re: Cable Line for antenna?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 22:39:40 UTC
From: BIGBOY <orkin@delphi.com>
Message-ID: <pu4Z2sc.orkin@delphi.com>
Source record: 260343

Dan Poe <depoe@atc.ameritel.net> writes:

> I'm having problems picking up any mobile broadcasts further than
>5 miles. I have a simple "three-prong" antenna on the roof. Is there
>any way I can increase my range, say with a booster, different antenna?

Get yourself one of them discone antennas radio shack sells,i had one of them
little cheapy jobs and it really sucked,but when i got my discone ,it was
great and worth the price also.
You can also get an amplifier like gre sells they have them for base and
handheld scanners. I bought one but i only use it when i here something
interesting that is weak. All 4 of my scanners pick up great with no problems
sometimes i even hear as far as the next state.
Now hooking up cable (this is my opinion)isnt to great because the signals
on there were put there on purpose they arent hooked up to any big antenna on a
hill some where,at least my arent around here.
You can hear all of the cable channels audio if you hook up cable to your
scanner.

3128. Re: Monster truck remote kill frequencies???

Newsgroup: rec.radio.scanner
Date: 1995-03-12 22:42:10 UTC
From: Matt Wilson <wa2tpx@acy.digex.net>
Message-ID: <3jvtc2$qbg@news1.digex.net>
Source record: 260344

mudaw@uxa.ecn.bgu.edu (David A. Webb) wrote:
>
> At the last monster truck show I went to (also the first one),
> They kept bragging about the radio remote engine kill switches.
> The guy standing way over there had what appeared to be a walkie-talkie,
> with a DTMF keypad on the front. I assume he just transmitted a few
> tones, and the receiver in the truck told the computer to kill
> the engine.
> Anyone know any more about this?
>
> -==-
> Dave
>
>
Knowing that information could be worth mucho bucks!
I'll be waiting for replies to this one...

3129. Re: Any good frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-12 22:51:03 UTC
From: plaws@comp.uark.edu
Message-ID: <3jvtsn$9kf@wizard.uark.edu>
Source record: 260258

parnass@radioman.ih.att.com (Bob Parnass, AJ9S) writes:

>In article <3jjrag$fm3@newsbf02.news.aol.com>,
>Iceman3207 <iceman3207@aol.com> wrote:

<...>

> > Give them all.

>How will you use this information? This seems like an odd request.

In a soon-to-be-published frequency directory, of course!

Peter Laws<plaws@comp.uark.edu>|"Suppose you were a politician. Now suppose you
n5uwy@ka5bml.#nwar.ar.usa.noam |were an idiot. Ah, but I repeat myself."-Twain
The Fourth Amendment - 1791-1995 - R.I.P.

3130. Pro-51 codes

Newsgroup: rec.radio.scanner
Date: 1995-03-12 23:45:07 UTC
From: Mark <hammark@delphi.com>
Message-ID: <hS4bOYb.hammark@delphi.com>
Source record: 260346

I bought a Pro-51 last week and followed the sugestion for
2-9-moni followed by 2-9-l\out. It worked as advertised except
that the 800mhz was not in the cellular range. The exact number
I don't recall now. I do get plenty of cellular between approx.
900-915mhz.

3131. Indy car freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 00:36:35 UTC
From: Clint Davis <cdavis@aimnet.com>
Message-ID: <3k042j$sbu@aimnet1.aimnet.com>
Source record: 260349

Am going to Long Beach in April- is there a list or source for team frequencies?

Clint Davis

3132. Little help please

Newsgroup: rec.radio.scanner
Date: 1995-03-13 00:37:19 UTC
From: keeney@widget.ecn.purdue.edu
Message-ID: <3k043v$dgr@mozo.cc.purdue.edu>
Source record: 260351

I looked in the faq's and I am still a little unclear on
how the different scanners perform for AM reception.

Specifically, I am looking for :

A base station
Excellent AM reception with the supplied antenna
Modifiable for cellular
Mail order
around 3-400$

Can someone givbe me a good recommendation?

Thanks
Kevin Keeney

3133. Palo Alto freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 00:39:30 UTC
From: Clint Davis <cdavis@aimnet.com>
Message-ID: <3k0482$sbu@aimnet1.aimnet.com>
Source record: 260350

My list is old news - anyone have updates to Palo Alto, Ca?

Clint Davis

3134. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-13 01:19:59 UTC
From: darwin@dorite.use.com
Message-ID: <D5CuDC.78t@dorite.use.com>
Source record: 260353

: >The original intent here is that many ham transceivers also can receive
: >public service frequencies. THIS is the real reason that many states
: >exempt hams from scanner laws.

: I believe that you'll find that ham's aren't exempt with regards to just
: scanners. They can have ham gear that scans, but not scanners. They
: aren't exepmt.

: On another note, some of the states that have laws outlawing mobile
: scanners, I was just talking to a guy from one of the mid-west states
: that outlaw them, sort of.. He said you can't have them without a
: permit. Then it's ok. They just require you to get a permit to have a
: mobile scanner in your car.

No, at least in Indiana, the law is in reference to receivers that can
pick up police calls, and specifically exempts persons holding a ham
license. I think a lot of states are like this.

The FCC says that no state can outlaw a ham transceiver that picks up
police freqs, but does NOT address scanners.

BTW, non-hams can get a permit here, too. Also reporters are exempt.

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3135. Pro-51 Date code 11A4 868-896 mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 01:35:13 UTC
From: ipdkp@mailhost.ecn.uoknor.edu
Message-ID: <3k07gh$7ek@constellation.ecn.uoknor.edu>
Source record: 260352

anyone know of a mod to get 868-896 freqs on a newer date code 11A4 Pro-51 scanner? Also, anyone know of any software that decodes cellular data, a reverse DDI program? Thanks

3136. Sangean ATS-803A for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-13 02:06:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.15830.5773.0N1D5265@canrem.com>
Source record: 260354

Hi. I have a Sangean ATS-803A general coverage receiver for sale. Its
the same as the Realistic DX-440.
Its a portable general coverage receiver that receives 150 KHZ-30 MHZ
continuous coverage, receives am sideband and cw, also receives fm and
fm-stereo from 88-108 MHZ.

- can be run from wall adapter or batteries
- internal, telescopic whip, or can be connected to an external antenna
- din plug can be used to hook this radio to a tape recorder,
- with headphones or with your stereo (through the radio's 1/8 inch
headphone jack) you get FM broadcasts in stereo
- rf gain, bfo, bass, treble, balance, and volume controls
- ten memories for your favorite stations
- direct frequency entry via number keys 1-0
- can tune in steps with knob or up/down keys
- will scan for stations/signals
- built-in clock with alarm
- lock switch prevents accidental key presses
- also has narrow/wide receive switch for narrowing bandwidth

I have the radio, the manuals/paperwork for the radio, and the
wall power adapter for the radio. Unfortunately, I cannot
sell the radio with a pair of stereo headphones, but all you
need are your standard walkman type, or anything with a 1/8 in
plug.
This radio is in fine shape, except for a broken telescopic
whip antenna which needs to be replaced. (most of the antenna
is there, but a couple of the end sections broke off a year or
so ago)
Reason for selling: I have one of those great little Sony's,
so don't need this radio.
I'm going to leave the asking price wide open on this radio.
I paid $275.00 a few years ago for it, but have no idea what
they're going for used these days.
Please reply via any of the following methods:
Internet: email to chris.smart@canrem.com
Fido: netmail to 1:229/15
Rime: private/routed mail to ->crs
Phone (voice): 519-756-9389, (just leave a message if I'm not
around)

Thanks,
73, de ve3 sht

... ARRRRRGGGHHH!!!! ... Tension breaker, had to be done.
___ Blue Wave/QWK v2.12

3137. Ham gear for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-13 02:06:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.15828.5773.0N1D5263@canrem.com>
Source record: 260355

Hi. I have the following equipment for sale. If you are interested in any of the following, want to make an offer, ask for more information, and so on, here's how to contact me:
Mail addresses: Internet: email to chris.smart@canrem.com, Fidonet: netmail to 1:229/15, Rime: private/routed mail to ->crs.
Phone (voice): 519-756-9389 (if I'm not around, just leave me some voice mail)

1. 15-20 amp power supply.
I have a 15 amp homebrew DC supply for sale. This thing is better built then most of the commertial supplies I've seen/used, is very solidly constructed, doesn't get more then slightly warm when supplying 15 amps at 13.8 volts DC.
I didn't build it, but I can certainly atest to its high-quality. The four big transistors at the back are rated at 5 amps a piece, so it'll probably put out close to twenty amps if pushed. DC voltage is also variable; (currently set to 13.8).
I'm looking for about $80.00 Canadian funds for it, since its in absolutely great condition, and was hardly used. (price is negotiable)
Reason for selling: I am saving up for a decent acoustic guitar, a dualband HT, and other things.

2. Ten-tec Argosy II

Yes, I'm parting with it, after 6 years of great performance.
Features: extremely small solid-state rig; great beginner radio for people with a low budget, perfect for mobiles, a great backup rig for emergencies or up at the cottage.
- 5 or 50 watts ssb and cw,
- transmits upper and lower sideband, cw, (automatically ofsets transmitter when switched over to cw)
- transmits and receives on 80, 40, 30, 20, 15, and 10 metre bands. (10 m is split into four band selections, 28.0-28.5, 28.5-29.0, etc.)

- great notch filter for eliminating carriers
- digital readout for frequencies, power/swr/signal meter,
- comes with Ten-tec power supply, d-104 desk mike that looks aweful but is a perfect match with this radio,
- also comes with voice readout for frequencies, (great for white-caners like me)
Reason for selling: I'm just not interested in keeping this thing around any more. I have almost lost all interest in HF, and will buy a better radio when I get back into the low bands. Furthermore, as I mentioned above, I need the money for other things.
History: For the first year after I purchased this radio, I was

constantly replacing fuses in the power supply, and the radio was pretty warm even with almost perfect swr readings. Then, the voltage regulator went for good in the power supply, blowing the two big transistors in the finals. $138 later, the supply and radio were fixed, and I have had no problems since. No blown fuses, no overheating problems, etc. It works great, except for the following minor problems. The plastic knob on the
mode-change control can be removed by simply sliding it off its post. There is no longer a knob on the notch filter control, but this could be easily remedied. Also, the RIT control needs to be lined up again. In other words, when the RIT control is in the middle of its range (transmit and receive are on the same frequency supposedly), transmit is down the band about 1.5 KC's from where the receiver is. I just turn the RIT to correct this, but its annoying having to have it permanently set wrong.
I'd like $450.00 or best offer for this rig, power supply, voice readout, d-104 mic. I still have the manuals and paperwork as well. If you don't want the d-104, I'll probably just throw it out as its so beat up.
73, de ve3 sht.

... Radiactive halibut makes fission chips.
___ Blue Wave/QWK v2.12

3138. Dualband HT HELP??

Newsgroup: rec.radio.scanner
Date: 1995-03-13 02:06:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.15829.5773.0N1D5264@canrem.com>
Source record: 260356

Ok, once I sell my small HF rig and power supply, I plan on buying a dualband HT. I haven't had any experience with any 2 m or 70 cm equipment for years. The last handheld I owned was an Icom IC02AT; I loved it. I'm looking for something with the following features:
- direct frequency entry via a number pad, (I can't handle those little switches or thumbwheels as I can't see the display)
- 4 or 5 wats output on 2 m and 70 cm
- a hot little receiver that doesn't get constantly overloaded with intermod (I'm in a city of about 80,000 people, so the intermod problems aren't extreme here yet)
- at least 10 memories per band
- CTCSS capability on both transmit and receive, (very important on receive)
- extended receive capability, (not just the ability to make the display go out of band on receive). This would get rid of the necessity for a scanner to monitor the weather stations and a few other frequencies.

Also, what are the battery options on HT's these days? It would be nice to get something better then a nicad pack, such as the NiMH batteries available in most notebook computers these days.
Oh, by the way, I was originally considering just getting a 440 MHZ rig to avoid the conjestion and interfearance on 2m, but I figure I may as well just get an HT with both bands for what its worth.
Please let me know what you're using, approximately what its worth new, what you like/dislike about it, etc. Can you get antennas better then a rubber duck for these things that work on both bands?

Thanks and 73, ve3 sht.
Internet: chris.smart@canrem.com; Fido: 1:229/15; Rime: ->crs

... If this is tourist season, why can't I shoot any?
___ Blue Wave/QWK v2.12

3139. Any mods for my RS 2028?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 02:22:34 UTC
From: iago@clubmet.metrobbs.com
Message-ID: <3k0a9a$iq4@metroux.metrobbs.com>
Source record: 260357

Could someone plz let me know if there are mods that I can make to my RS 2028 model 20-403? Im very intrested in juicin this little dude up.. ;)

Thanks!

Mike in Kansas City

3140. Re: Scanner Info

Newsgroup: rec.radio.scanner
Date: 1995-03-13 02:43:55 UTC
From: barbyd@aol.com
Message-ID: <3k0bhb$mb@newsbf02.news.aol.com>
Source record: 260360

I have owned quite a few scanners to date. It has been my
experience that the PRO-2006 from Radio shack, If you can find one, is a
fine performer. As far as the cellular capabilities go, probaly one of the
easiest mod's possible. This radio has complete coverage from 25-1300 MHZ.

Good Luck,

(BarbyD@AOL.com

.

3141. pro-2032:cellular mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 02:48:15 UTC
From: gh598@cleveland.Freenet.Edu
Message-ID: <3k0bpf$k74@usenet.INS.CWRU.Edu>
Source record: 260358

can anyone tell me the mod to restore the cells on a pro-2032?
thanks!
--
Mike in Indy

3142. Re: Help, Unknown freq's.

Newsgroup: rec.radio.scanner
Date: 1995-03-13 03:39:41 UTC
From: mike581@aol.com
Message-ID: <3k0ept$1po@newsbf02.news.aol.com>
Source record: 260362

Mike,

The 10.xxx freqs. are not the rec. freq, they are the fundamental (1st oscillator) xtal frequencies. These are multiplied by some constant (depending wheather the freq is VHF low, VHF High, UHF, etc.) and then the intermediate freq (usually 10.7 or 10.8 Mhz.) is subtracted from that number to get the actual recieved frequency. If the scanner is an older model and you have the owners manual, this information might be listed there. As for the 37.85, it sounds like something in the Power/Utilities Radio Service, although it would have to be 35.84 or 35.86 Mhz. as that portion of the spectrum is spaced at 20 khz. intervals (even numbers)

3143. PRO-51 Keypad Codes

Newsgroup: rec.radio.scanner
Date: 1995-03-13 03:52:25 UTC
From: krangen@ibm.net
Message-ID: <3k0fhp$tfl@news-s01.ny.us.ibm.net>
Source record: 260238

I have a buddy that has a RS PRO-51 (7a4), and he tells me that he was told that there are some keypad codes that can be pressed to give extra or undocumented features. If anybody knows of these codes or even if there is such a thing, please *E-Mail* me the info as I don't get on this group too much.
Thanks,
Ken Rangen

3144. Miami Area Police freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-13 03:58:50 UTC
From: username@osu.edu
Message-ID: <username-120395215850@slip1-71.acs.ohio-state.edu>
Source record: 260359

I don't have the frequencies for Miami, but Edna Bucanhan is a reporter that covers the Police beat for the Newspaper, rumor is that she has every frequency for the Police and then some!

She should be able to give you all frequencies.

3145. Columbus, OH Police frequencies wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-13 04:04:37 UTC
From: username@osu.edu
Message-ID: <username-120395220437@slip1-71.acs.ohio-state.edu>
Source record: 260361

If anyone out there has the frequencies for the Police Department in Columbus Ohio it would be greatly appreciated if you would pass them on.

Thanks

3146. Standard C558A HT Steal!

Newsgroup: rec.radio.scanner
Date: 1995-03-13 04:11:25 UTC
From: Dan <71242.1774@CompuServe.COM>
Message-ID: <3k0gldboa1@mhade.production.compuserve.com>
Source record: 260364

STandard C558A dual band HT (2 meters/440), in MINT condition.
Radio has MARS mod for extended RX & TX on both bands.
Receives AIR and FULL 800 band as well.
CMU161 extended memory chip giving you 100 channels on each band.
CSA 181 Rapid drop in charger.
COst $687 new, selling package for $400.00 plus $10.00 shipping and another
$5.00 if you want COD.
E-Mail to 71242,1774@compuserve.cis.com if interested
Dan

3147. Re: Windows software for scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-13 04:19:25 UTC
From: bsaladino@aol.com
Message-ID: <3k0h4d$2j1@newsbf02.news.aol.com>
Source record: 260365

>I currently own a PRO-2006 and a YAESU FRG-100. Does anybody know of a windows program which can operate both these radios?<

Hi Stephen,

I can help with the Pro-2006 and Icoms, but not the Yaesu. My shareware program, Radio Manager for Windows is located in RM.ZIP at the following locations.

CompuServe's HamNet Scanning Library
America Online's Ham Radio Area's Software Exchange (30Mhz and Up)
ftp oak.oakland.edu /pub/hamradio/pc/ham-utils

Please contact me if you need more details.
Ben Saladino
660 West Oak Hurst, TX 76053-5526
CompuServe 71052,2416
INTERNET:71052.2416@CIS.COM

3148. Re: Scanner World

Newsgroup: rec.radio.scanner
Date: 1995-03-13 04:21:11 UTC
From: WWQE87A@prodigy.com
Message-ID: <3k0h7n$die@usenetw1.news.prodigy.com>
Source record: 260367

Scanner World can be reached at 518-436-9606. I know of no 800 number
for this company.

3149. Re: 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-13 04:42:49 UTC
From: cadsuper@big12.metrobbs.com
Message-ID: <3k0ig9$27k@metroux.metrobbs.com>
Source record: 260368

: Actually, several cellular companies are scrambling signals. Cellular
: One here in Chicago uses a digital scheme to protect the signals.
: Ameritech is supposed to be switching to digital soon.

: Jerry
:
: ___ Blue Wave/QWK v2.12

If cellular companies decide to go to digital, or scramble all of their signals, then wouldnt the people that already own cellular phones have to purchase descramblers or modify their existing cell phones? That would get kind of expensive, and the average everyday cellular user wouldnt want to pay big bucks just so some punk kid w/ a cheap scanner can monitor them, (unless of course the cellular user really needed the privacy if he/she was doing something illegal)

3150. Re: Standard Radio Users?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 04:49:56 UTC
From: cadsuper@big12.metrobbs.com
Message-ID: <3k0itk$2ja@metroux.metrobbs.com>
Source record: 260369

Ken Brooke (ken@mitre.org) wrote:
: Anyone out there using a Standard (brand) amateur radio for scanning? I have a
: C5718DA which has amazing wide coverage, including 800MHZ (less cellular), and
: like it very much. Would like to compare notes with other users.

: Ken
: (ken@mitre.org)

: My opinions are mine own.

Yes! I cant believe it! I thought that I was the only one with that thing. I cant find anyone else out there that has one, or knows of where in the world I cant get the modification docs on that thing. I have uses for it ouside the ham bands to xmit on it, (legal uses by the way) and would love to get the full potential out of that radio, but cant find the docs.

Are you using it as a full remote, or do you have a faceplate for it too? Personally, I just use the remote, cause there is no where to put the brain under the dash in my car, so I just have it coming out from behind the seat, and it works well, it's not in the way, and deters theft cause I can hide it easily!

Rob

3151. Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:06:49 UTC
From: cadsuper@big12.metrobbs.com
Message-ID: <3k0jt9$3ij@metroux.metrobbs.com>
Source record: 260370

Anyone familiar with the beartracker from Uniden? The mobile "pre-programmed" scanner that is in every truckstop from Maine to L.A.? It has a red light and warning buzzer that is supposed to sound when you are within so many miles of the signal being transmitted. This is for truckers, etc. for if a highway patrol is keying up on his radio just a mile down the road, the buzzer is supposed to kick on and alert the rig driver that smokey ain't far.

This sounds all good, fine, and dandy, but if the highpo is using a radio that bounces of a repeater, and the truck driver is listening to the output frequency of the repeater for all the information, the radio would not sound the warning buzzer and turn on the warning light cause the repeater is 10 miles away, but the officer and the radio (which are transmitting at the repeaters INPUT frequency, not the same one the truck driver is listening to) what good will it do to have all those lights, and buzzers to alert the driver? Ive heard several theories on this from people who dont have a clue, and cant accept their explinations cause they dont make any sense.

Am I missing something here, or is this just another one of Uniden's marketing techniques to sell these radios to the average truck driver that dosent know much about radio propogations?

3152. Re: PRO-2006 HANDBOOK WANTED

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:35:45 UTC
From: bartdoug@acusd.edu
Message-ID: <D5D67M.466@pwa.acusd.edu>
Source record: 260229

In <480497AC@spec.apana.org.au>, dsimp@spec.apana.org.au (David Simpson) writes:
>I am in need of a handbook for my Pro-2006 scanner. Either original or
>photocopied version is fine, I will cover costs.

I got plenty of help on this a few months ago, so I thought I'd
chip in here.

The phone number for RS National Parts is (800) 442-2425.
The part number of the 2006 is 20-145. As I recal it was less
than $10 with shipping included.

Good Luck,

Doug

3153. Re: Help.PRO43.Speaker.Shot

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:36:07 UTC
From: robert@eden.com
Message-ID: <3k0lk7$mjf@boris.eden.com>
Source record: 260373
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I too had trouble with my 43's speaker and had to order one from NAtional Parts.. they were out for the longest time.

3154. Re: Pro-39 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:39:12 UTC
From: robert@eden.com
Message-ID: <3k0lq0$mjf@boris.eden.com>
Source record: 260374

There are NO keypad mods for the pro39.. you can only restore
cellular by clipping the D6

3155. Re: Blimp freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:42:05 UTC
From: robert@eden.com
Message-ID: <3k0lvd$mjf@boris.eden.com>
Source record: 260225

Goodyear's company frequency to talk to their ground crews is 132.0 AM

3156. Re: Pro 43 need info

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:43:19 UTC
From: robert@eden.com
Message-ID: <3k0m1n$mjf@boris.eden.com>
Source record: 260226

No mod to restore CB range onto the pro 43..

I have never understood that.

3157. Re: Scanning cruise liners

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:49:33 UTC
From: robert@eden.com
Message-ID: <3k0mdd$mjf@boris.eden.com>
Source record: 260227

When I was on the Sovereign of the Seas, they were using marine radios between the purser's office and the crew.. Also they were used heavily when they went to the private island.

3158. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:53:10 UTC
From: wn8tdan@aol.com
Message-ID: <3k0mk6$48s@newsbf02.news.aol.com>
Source record: 260228

MRE (Mobile Repeater Extender). Most Troopers use UHF to talk to their cars, which act as a mini repeater to send the signal via VHF or HF (Longer distance than UHF) to the HQ that might be many miles away.

Since the UHF is only line of sight, the trucker can be assured that the trooper is near. You could also monitor these UHF frequencies with any regular scanner and don't need the bear tracker light.

Take Care

Dan, WN8T

3159. Re: keys

Newsgroup: rec.radio.scanner
Date: 1995-03-13 05:56:22 UTC
From: heglowstein@bix.com
Message-ID: <3k0mq6$23b@news1.delphi.com>
Source record: 260234

Jim Boyle (ad065@FreeNet.Carleton.CA) wrote:

: my scanner tipped over tonight and the fall took out part of a button,anyone
: know where i could get a new one?...thanks..

Try contacting the manufacturer and ask for the parts dept.

Or is this a trick question? :-)

3160. West Palm Beach, Fl. Freq??

Newsgroup: rec.radio.scanner
Date: 1995-03-13 06:21:37 UTC
From: ncschult@vela.acs.oakland.edu
Message-ID: <ncschult.795075697@vela.acs.oakland.edu>
Source record: 260230
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am going to To west Palm Beach, can anyone tell me local police,
maritime, or any other intresting Freq.?

Thanks in advance, Neil

--

--N.C.Schultheiss
Detroit, Michigan, USA
ncschult@vela.acs.oakland.edu

3161. using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-13 06:54:11 UTC
From: wun-chun@phoenix.ece.wisc.edu
Message-ID: <3k0q6j$fvl@news.doit.wisc.edu>
Source record: 260231

I heard that scanner can pick up any nearby cordless phone's transmition,
is that true? How can it be done? How to prevent it?

Thanks

Chun
p.s. it will be best if you can reply by email.
--
==========Do you want to die young? If you know what I mean :) ==========
Email :wun-chun@cae.wisc.edu WWW: http://www.engr.wisc.edu/~wun-chun/homepage
Home :3164 Muir Field Rd., Apt#205, Madison, WI 53719 PHONE:(608)845-1551
Office:3652 Engr Hall, 1415 Johnson St., Madison, WI 53706 PHONE:(608)265-3826

3162. * Add CELLULAR to ANY scanner *

Newsgroup: rec.radio.scanner
Date: 1995-03-13 07:10:44 UTC
From: evcrecords@aol.com
Message-ID: <3k0r5k$573@newsbf02.news.aol.com>
Source record: 260232

OK , here it is - Add cellular and extended frequency coverage to ANY scanner, NEW or OLD, base or portable! Special unit gives you access to ALL frequencies from 810MHz to 912 MHz. It merely converts them to 410 to 512 MHz. It can be turned on and off at will and swapped between any scanners within seconds.

For info e-mail to < evcrecords@aol.com > .

Take it EASY !

Mark
EvcRecords

(note: mail will not be able to be returned from 3/18 to 3/24 so please expect correspondence before or after those dates. Thanks.)

3163. Re: AR8000 number worn of in 1 month!

Newsgroup: rec.radio.scanner
Date: 1995-03-13 07:40:29 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.16rk@portal.apana.org.au>
Source record: 260253

On Fri 10-Mar-1995 10:17p, WA1OMM wrote:
W> Sugesstions? Sure ....

W> o Ivory lotion for your hands (use daily)
W> o Stop pumping gasoline before playing with the keypad
W> o Trim your nails
W> o Buy the vinly case with the clear plastic keypad overlay

W> 73, Paul WA1OMM

Thats Still a crock of a way out on AORs part... Read my other followup Paul

Sort of like buying the AOR Car, Oh? What was that? Paint washing off in the rain is it? Oh well, buy a shed or dont drive in the rain... ;)

Very poor... :<

Quote: Satire does not look pretty upon a tombstone.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

3164. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-13 07:50:12 UTC
From: none@nowhere
Message-ID: <none-1203952350120001@fig-ppp.caltech.edu>
Source record: 260233

stavros@agora.rdrop.com (Steve Culliton) wrote:

> Steve Culliton <stavros@agora.rdrop.com> wrote:
> >Richard Williams <richlw@moose.erie.net> wrote:
> >>On 6 Mar 1995, Lawrence Lee wrote:

> >I just saw the SportCat advertised for $174.xx in one of the scanner
> >magazines... And no, I don't remember which one, I didn't buy it at the
> >time, just looked through it...
> >
>
> Ok, got the magazine. It's in Monitoring Times, Feb 1995. The ad is
> from Communications electronics, Inc. Sportcat 150 handheld $178.95.
>
> Credit card calls only 1-800-USA-SCAN.
> Address: Communications Electronics Inc.
> P.O. Box 1045, Ann Arbor, Michigan 48106-1045 USA
>
> For info call 313-996-8888 or fax 313-663-8888.

Damark has it for $150. Refurbished. But their return policies
are much better than ACE's.. (1.800.729.9000) (i have no
connection w/ them besides ordering something ~ 3 years ago)

- mike

3165. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-13 08:04:29 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3k0uad$rqp@ixnews3.ix.netcom.com>
Source record: 260235

In <3k0q6j$fvl@news.doit.wisc.edu> wun-chun@phoenix.ece.wisc.edu
(Wun-chun Chau) writes:

>
>
>I heard that scanner can pick up any nearby cordless phone's
transmition,
>is that true? How can it be done? How to prevent it?
>
>Thanks
>
>Chun
>p.s. it will be best if you can reply by email.
>--
>===============Do you want to die young? If you know what I mean :)
==========
>Email :wun-chun@cae.wisc.edu WWW:
http://www.engr.wisc.edu/~wun-chun/homepage
>Home :3164 Muir Field Rd., Apt#205, Madison, WI 53719
PHONE:(608)845-1551
>Office:3652 Engr Hall, 1415 Johnson St., Madison, WI 53706
PHONE:(608)265-3826
>

Yes it can be done by tuning your scanner to the proper frequency.
How to prevent it....Don't use your cordless phone.

3166. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-13 08:17:53 UTC
From: rogue@indirect.com
Message-ID: <D5DDpt.GuH@indirect.com>
Source record: 260236

: >Ok, got the magazine. It's in Monitoring Times, Feb 1995. The ad is
: >from Communications electronics, Inc. Sportcat 150 handheld $178.95.
: >
: >
: >-Steven
: >
: Thanks Steve. Good price! They sell locally for 240 buck with the charger.
: Dick

Scanner World in Albany New York has the Sportcat SC-150 100 channels, 12 bands and 800 Mhz, for 174.99 plus 8.00 shipping. i am guessing this is the one you guys are talking about. anyway, their number is 1-518-436-9606.

-- rogue

3167. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-13 08:24:33 UTC
From: rogue@indirect.com
Message-ID: <D5DE0x.IGx@indirect.com>
Source record: 260237

Wun-chun Chau (wun-chun@phoenix.ece.wisc.edu) wrote:

: I heard that scanner can pick up any nearby cordless phone's transmition,
: is that true? How can it be done? How to prevent it?

: Thanks

: Chun
: p.s. it will be best if you can reply by email.

hi chun, to answer your questions, yes it is possible, it can be done by tuning the scanner to the frequency of the phone in question, usually (i believe) 40-50 Mhz. to prevent it, either a) quit using a cordless phone, b) buy one of the newer cordless phones with base to handset scrambling. if it is any consolation to you, monitoring cordless phones is illegal, so i am sure that no one will do it. haha.

-- rogue

3168. Re: Uniden Bearcat Handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-13 10:06:37 UTC
From: Richard Williams <richlw@moose.erie.net>
Message-ID: <Pine.LNX.3.91.950313050537.257A-100000@moose.erie.net>
Source record: 260239

On Sun, 12 Mar 1995, Escape wrote:

> You mentioned in a post you had seen a bearcat scanner for $200. Which
> catalog is this, and could you recommened a catalog and/or sources
> for bearcat scanners? I am in the market, and would appreciate it greatly.
>
> thanks,
> mike
>
> --
> |-- | http://www.paranoia.com/~escape/
> |- scape@ccwf.cc.utexas.edu |---
> |-- | You see things as they are and ask, "Why?"
> ------------------------------| I dream things that aren't and ask, "Why not?"
>
You may want to try 800-USA-SCAN.
Dick

3169. ar1000XLT book

Newsgroup: rec.radio.scanner
Date: 1995-03-13 12:04:00 UTC
From: Dominic.Post@f594.n107.z1.fidonet.org
Message-ID: <a34_9503141301@nisc.fidonet.org>
Source record: 260128

Wag, This is the place,
Design Equilibrum
P.O.Box1245
Melo Park,CA 94025
415-328-9181
Internet 76174.637@cis.com

Mr.Howard Bornstein is the President of the Co.

WM>Could somebody please tell me where I could get the book for the AOR
WM>AR-1000XLT scanner?

-> dominic.post@the-boss.com <- -> f309.n2604.z1.fidonet.org <-
-> Now and Forever, The Past is Prologue <- -> Ridgefield,NJ <-
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

3170. Blimp freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 12:04:00 UTC
From: Dominic.Post@f594.n107.z1.fidonet.org
Message-ID: <a35_9503141301@nisc.fidonet.org>
Source record: 260129

Dan; Goodyear--450.800Mhg.

DB>Hey, now I'm very interested in getting the Blimps freq. especially
DB>Goodyear's. It might be good in the FAF to have.

-> dominic.post@the-boss.com <- -> f309.n2604.z1.fidonet.org <-
-> Now and Forever, The Past is Prologue <- -> Ridgefield,NJ <-
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

3171. Any Mods for Pro 31

Newsgroup: rec.radio.scanner
Date: 1995-03-13 13:58:56 UTC
From: Herrob <Bill.Herron@DaytonOH.attgis.com>
Message-ID: <D5DtI8.1Lx@ranger.daytonoh.attgis.com>
Source record: 260260

Does anybody know of any mods or updates for the R.S. Pro 31.

3172. Re: HELP *** HELP *** OSU Police frequency Wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-13 13:59:21 UTC
From: tomswisher@aol.com
Message-ID: <3k1j3p$6vh@newsbf02.news.aol.com>
Source record: 260242

OSU PD is now on the State of Ohio trunked system. I do not have the
frequencies close at hand.
****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

3173. Re: Windows software for scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-13 13:59:29 UTC
From: tomswisher@aol.com
Message-ID: <3k1j41$6vk@newsbf02.news.aol.com>
Source record: 260243

Is Radio Manager for Windows capable of operating with the Opto 456 and
the Opto 535 boards? If so, will it operate all the neat features such as
CTCSS and DCS logging and scanning?
****
Tom Swisher, N8GQK
National Scanning Report
"In God We Trust, All Others We Monitor"

3174. Re: 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-13 14:07:14 UTC
From: domonkos@access.digex.net
Message-ID: <$r4PliubGw7M079yn@access.digex.net>
Source record: 260241

In article <3k0ig9$27k@metroux.metrobbs.com>,
>
> If cellular companies decide to go to digital, or scramble all of their
> signals, then wouldnt the people that already own cellular phones have to
> purchase descramblers or modify their existing cell phones? That would
> get kind of expensive, and the average everyday cellular user wouldnt
> want to pay big bucks just so some punk kid w/ a cheap scanner can
> monitor them, (unless of course the cellular user really needed the
> privacy if he/she was doing something illegal)
>
>

Yes, that will get expensive, that is why the present cell system will be
here for quite a while. Don't expect any overnight changes.

Andy

3175. Re: The Netherlands 450-470 MHz

Newsgroup: rec.radio.scanner
Date: 1995-03-13 14:26:02 UTC
From: awoord@nlr.nl
Message-ID: <3k1klq$esj@liberator.et.tudelft.nl>
Source record: 260246

John Stanley (stanley@skyking.OCE.ORST.EDU) wrote:
> Can someone give me a quick breakdown on the 450-470 MHz band in
> Holland? Even more particular, 464-467.

Ok, here is a quick one :
461.3100 - 465.7300 ATF-2 cellular mobile phone network (relais-stations)
465.7500 - 466.4700 Porto/Mobile use private and governement.
466.4900 - 467.2100 Police porto freqs. (repeaters)

I took it from the KLOVE manual for scanners.
gr. Albert

--

Albert Woord <awoord@nlr.nl> AAA DDDD PPPP N N
National Aerospace Laboratory NLR A A D D P P NN N
The Netherlands AAAAA D D PPPP N N N
A A D D P N NN
Phone (+31) 5274-8646 (direct) A A DDDD P N N
or (+31) 5274-8444 (reception)
Fax. (+31) 5274-8210 Aerodynamics Data Processing Group

3176. FTR-5 Scanner Filter Help Please...

Newsgroup: rec.radio.scanner
Date: 1995-03-13 14:48:40 UTC
From: domonkos@access.digex.net
Message-ID: <yh5PliubGwz3079yn@access.digex.net>
Source record: 260244

Has anyone had any luck using the FTR-5 scanner filter by Grove? I'm planning on using it with an 890XLT dual conversion scanner that has several freq ranges apparently getting hit with TV image interference. Wondering if this filter will help eliminate that. Thanks...

Andy

3177. High Freq Sound Filter-How do I make one?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 15:06:38 UTC
From: ptcarter@b30news.b30.ingr.com
Message-ID: <3k1n1u$300@b30news.b30.ingr.com>
Source record: 260245
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Let me first say that I'm not fluent in electronics, so this may be an easy one. My question arises from something I noticed about my scanner. I listen to it through headphones a lot so as not to disturb my wife. As I was returning from answering natures call, I noticed a high frequency sound in the room, and I was a pretty long way from the headphones that were laying on the nightstand. As I got closer, I realised that this sound was acutally coming from the headphones. I thought-This has got to be hard on my ears over time. So my question is, Is there anyway to filter out these tones and leave just the desired audio? Note this sound comes when I'm listening to frequencies in 870-896 MHZ range .

Thanks for any assistance.

Paul ptcarter@ingr.com

3178. Re: IC R1 *UNBLOCKED* FOR SALE or trade

Newsgroup: rec.radio.scanner
Date: 1995-03-13 15:56:29 UTC
From: horak@convex.com
Message-ID: <3k1pvd$692@eugene.convex.com>
Source record: 260247

In <3jq1bm$7ae@anshar.shadow.net> marcelo guevara <argentin@shadow.net> writes:

>IC R1 *unblocked* full coverage to 1300 MHZ for sale or trade .
>I want $500 US dollars or a IC 100.
>Everything is include accesories, manuals, guaranty, box...

They go for about $479 brand new, although the newer ones may be 869-894
blocked. At least you are becoming more reasonable from your original
post wanting, what was it, $750? The R1 is known to be a cheap receiver
and I would personally pay $50 more for a MVT7100 or $150 more for a AR8000.

David

3179. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-13 16:07:26 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D5DzGF.174@freenet.carleton.ca>
Source record: 260248

In a previous posting, Wun-chun Chau (wun-chun@phoenix.ece.wisc.edu) writes:
> I heard that scanner can pick up any nearby cordless phone's transmition,
> is that true? How can it be done? How to prevent it?
>

I have monitored cordless phones up to 5 Kms from my location. So if you
are concerned use a regular landline. BTW monitoring cordless phones is
illegal in the USA (ya, right!) but it is legal here in Canada. I would
suggest that you use common sense and not give out personal info over
a cordless phone, ie: Credit Card numbers etc...

--

3180. Santa Clara, CA freqs??

Newsgroup: rec.radio.scanner
Date: 1995-03-13 16:51:31 UTC
From: Lee_Hines@smtp.svl.trw.com
Message-ID: <Lee_Hines-1303950851310001@m12101.svl.trw.com>
Source record: 260299

Can someone please repost the Santa Clara, Ca freqs.? I had them when they were first posted, but my filing system leaves me at a loss.:-) Any help would be greatly appreciated. Thanks, Lee.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.
Work is for people who don't fish, hunt or play golf.

3181. Shuttle freq. for Canada

Newsgroup: rec.radio.scanner
Date: 1995-03-13 17:07:18 UTC
From: t0r7@unb.ca
Message-ID: <t0r7.3.2F647BC6@unb.ca>
Source record: 260250

Dose anyone has the Shuttle freq. that i could lisent in Canada ?
I'm from altatic canada, near the state of Main, if that help.

3182. RE: PRO-2035 QUESTION

Newsgroup: rec.radio.scanner
Date: 1995-03-13 17:09:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A56261.059E000188.uuout@iotp.com>
Source record: 260249

On 12 Mar 95 07:46pm, KEVIN SANDERS wrote to ALL:

KS> I just bought a PRO-2035 and have a question. There are a few cellular
KS> frequencies within an advertised band range on this radio, and it is
KS> completely deaf on these frequencies. However, at least 1 business
KS> frequency in the same band range comes in fine. Does it actually lock
KS> out individual frequencies within a band? How do they do this? My
KS> PRO-39 has no problem with any of these frequencies.

Interesting. Could you list the frequencies involved? Both the cell freqs
involved, and the advertised band coverage?
No, the '35 doesn't lock out specific frequencies, just bands.
How do you like the memory configuration (10 banks of 100 memories)?

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... Last words of Sir Hector: "Watch me goose yon slumbering dragon, lad.
* Silver Xpress V4.00 SW12853

3183. Re: Little help please

Newsgroup: rec.radio.scanner
Date: 1995-03-13 17:27:08 UTC
From: jcosiman@clark.net
Message-ID: <3k1v9c$na2@clarknet.clark.net>
Source record: 260251

Kevin R Keeney (keeney@widget.ecn.purdue.edu) wrote:
: I looked in the faq's and I am still a little unclear on
: how the different scanners perform for AM reception.

: Specifically, I am looking for :

: A base station
: Excellent AM reception with the supplied antenna
: Modifiable for cellular
: Mail order
: around 3-400$

I would recommend calling Grove at (704) 837-9200 and getting a Radio
Shack Pro-2006. Probably one of the best consumer-grade scanners ever made.

I assume since you want good AM performance, I assume you are looking to
scan the airbands since I believe they are the only service still using
AM. Is this correct?

--
+---+
| jcosiman@clark.net |
| ++++++++++++++++++ |
| Finger for PGP public key |
+---+

3184. Re: Columbus, OH Police frequencies wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-13 18:25:08 UTC
From: jwilkers@freenet.columbus.oh.us
Message-ID: <3k22m4$efj@acme.freenet.columbus.oh.us>
Source record: 260252

MacGyver (username@osu.edu) wrote:
: If anyone out there has the frequencies for the Police Department in
: Columbus Ohio it would be greatly appreciated if you would pass them on.

first..... your address is invalid! username@osu.edu bounces on email
attempts.

Columbus PD uses an 800 MHz trunked system. If you wish I can post them,
but unless you have an 800 capable scanner and understans the trunking
principal, theyd not be of much use to you... let me knoe.

--
____
| John L. Wilkerson Jr. Jwilkers@freenet.columbus.oh.us |
|____|

3185. LOOKING for New Orleans Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-13 18:49:42 UTC
From: dershaw@cs.tulane.edu
Message-ID: <3k2446$a9b@news.cs.tulane.edu>
Source record: 260262

Anyone have any interesting freq's in NOLA?

Chad D
--
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

mQBtAy9SKvkAAAEDAMZqlsBUI80GizNvaLCIdvIgi0sVlDJzIxs1Ro8Wn9zoU6KN
0N8mskytZ/s5UCANSflIir/iEE6pGtTPKyHIEO+TQ1r0Ej42ju7pucskw2Z/CpjE
aX9DFGrTnJhOFchuuQAFEbQuQ2hhZCBNIERlcnNoYXcgPGRlcnNoYXdAcGVnYXN1
cy5jcy50dWxhbmUuZWR1Pg==
=kv/r
-----END PGP PUBLIC KEY BLOCK-----

3186. Where are the FAQ's

Newsgroup: rec.radio.scanner
Date: 1995-03-13 19:07:04 UTC
From: Herrob <Bill.Herron@DaytonOH.attgis.com>
Message-ID: <D5E7rs.7zx@ranger.daytonoh.attgis.com>
Source record: 260267

Looking for the FAQ's thanks in advance....

3187. Re: Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1995-03-13 19:19:46 UTC
From: glm@xmission.com
Message-ID: <3k266t$s3b@news.xmission.com>
Source record: 260254

In article <D5CFpK.LqM@freenet.carleton.ca>,
az342@FreeNet.Carleton.CA (Robert E. Edmunds) wrote:
>
>
>
>
> Just wondering if someone could give me a phone number and/or
address
>where I could get info on subscribing to Monitoring Times. (can't
find it
>anywhere around here).
>
Call 1-800-438-8155

> Any help would be appreciated.
>
>
>

-Gary
glm@xmission.com -Salt Lake City, Utah USA-

~!

3188. Sportcat?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 20:08:03 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <D5EALF.E46@sun2.iusb.indiana.edu>
Source record: 260255

So... Does anyone know what can be done with the new Sportcat models?

--
Dave Barkley - Product ENG. Xcel Controls, Indiana
M & D Motorsports South Bend/Mishawaka, Indiana

"It's my last form of sancuary, behind my blacked out glass." - S. Hagar

3189. Radio Shack / Uniden hand held scanners Pro's and Con's

Newsgroup: rec.radio.scanner
Date: 1995-03-13 20:19:05 UTC
From: dan1944@aol.com
Message-ID: <3k29bp$afn@newsbf02.news.aol.com>
Source record: 260256

I am considering purchasing a hand held scanner, I would like a
200 channel
model with 800 Mz capability. My quandry is what brand to buy. I would
like some opinions on what brand to buy !.

Thank you

Dan1944@AOL.COM

3190. Re: HELP *** HELP *** OSU Police frequency Wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-13 20:50:59 UTC
From: giles.26@postbox.acs.ohio-state.edu
Message-ID: <giles.26.15.2F64B032@postbox.acs.ohio-state.edu>
Source record: 260257

>I am trying to get the frequency or frequencies that The University Police
>at Ohio State University use.

>If anyone knows it please share it with me!

>Thank you
The OSU PD along with many other university services have moved to an 800 Mhz.
trunked system. Here are the freqs:

851.5625
851.6625
851.8375
851.9625
852.3375
852.3875
859.7625
860.7625

I have heard some phone patches on 851.5625. 453.500 and 453.775 were the
old OSU PD freqs. used before they went to 800 Mhz. I have still heard them
using these though. If you have any interesting freqs. for the campus area,
please post them!

73 de N8TVQ
Aaron Giles - giles.26@osu.edu

3191. 800/900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-13 21:03:22 UTC
From: ken_a_ailsworth@ccmail.orl.mmc.com
Message-ID: <9503131603.AA22089@theopolis>
Source record: 260292

Has anyone had any luck with the new 900MHz cordless phones? A friend of mine ;i¿½) has been searching the 900 frequencies kindly posted here earlier, but has not recieved a peep. Search domain = 901 - 904MHz.

While I'm on the subject - what are the 800MHz cordless frequencies?

Thanx in advance,

Ken

Ken_A_Ailsworth@ccmail.orl.mmc.com

3192. 800&900MHz Cordless Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-13 21:27:47 UTC
From: ken_a_ailsworth@ccmail.orl.mmc.com
Message-ID: <9503131627.AA47219@theopolis>
Source record: 260293

Has anyone had any luck with the 900MHz cordless freqs? A friend of mine ;ï¿½) has been searching the frequency domain 901 - 904MHz, which contains the freqs kindly posted earlier here, but has not heard a peep.

While i'm on the topic - anyone know the freqs for the 800MHz cordless phones?

Ken

Ken_A_Ailsworth@ccmail.orl.mmc.com

3193. base scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-13 21:49:09 UTC
From: rgallim232@aol.com
Message-ID: <3k2ekl$boi@newsbf02.news.aol.com>
Source record: 260263

I want to purchase a good base scanner. What would be a good one to buy?

Thanks in advance
Ron

3194. Re: PRO43/RS Tech - HELP!

Newsgroup: rec.radio.scanner
Date: 1995-03-13 21:59:09 UTC
From: reda@rucs-admin.rutgers.edu
Message-ID: <3k2bm2$f04@igor.rutgers.edu>
Source record: 260259

heglowstein@bix.com (heglowstein) wrote:

>: I bought new batteries - still nothing.

This may be painfully obvious, but have you tried the reset key sequence? It will wipe all your freqs, but you may get a new lease on life. (At the moment, the sequence escapes me (something like holding "program-clear" while turning the unit on)). If you haven't tried this yet, let me know, and I'll look up the sequence. This happened to my 43 once also!

FRank

Frank J. Reda, Rutgers University Computing Services
reda@rucs-admin.rutgers.edu
:-) :-) :-) :-) :-) :-) :-o :-) :-) :-) :-) "There's one in every crowd."

3195. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-13 22:17:19 UTC
From: vhealey@crl.com
Message-ID: <3k2g9f$cak_001@nntp.crl.com>
Source record: 260264

You could use your hand held scanner and an external amplifier like the
radio shack amp speaker. It has a neat light that goes on when ever the squecl opens and
gradually fades after the audio signal is lost.

I find it useful when listening to several radios to notice which one had the siganl on it.

Ki4je

In article <3k0mk6$48s@newsbf02.news.aol.com>,
wn8tdan@aol.com (WN8T Dan) wrote:
>MRE (Mobile Repeater Extender). Most Troopers use UHF to talk to their
>cars, which act as a mini repeater to send the signal via VHF or HF
>(Longer distance than UHF) to the HQ that might be many miles away.
>
>Since the UHF is only line of sight, the trucker can be assured that the
>trooper is near. You could also monitor these UHF frequencies with any
>regular scanner and don't need the bear tracker light.
>
>Take Care
>
>Dan, WN8T

73's
Victor Healey (Ki4je)

AR8000 (The Ultimate Handheld Scanning Receiver) URLS on WWW
ftp://ftp.crl.com/users/vh/vhealey/www/ar8000.homepage.html
http://www.demon.co.uk/javiation

3196. ...police/fire radio jargon codes

Newsgroup: rec.radio.scanner
Date: 1995-03-13 22:18:54 UTC
From: skeYewalker <musma2@uxa.ecn.bgu.edu>
Message-ID: <3k2gce$2hf@news.ecn.bgu.edu>
Source record: 260265

might someone be able to direct me to a list of the police, fire, and other utility codes used for radio communications? i have a list of the 10 codes for police, are there other lists available?

peace.

3197. Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1995-03-13 22:20:28 UTC
From: kfisher@freenet.edmonton.ab.ca
Message-ID: <3k2gfc$ouv@news.sas.ab.ca>
Source record: 260261

Monitoring Times can be contacted at 1-800-438-8155 for subscriptions and orders.

3198. BC200LXT Memory Erase Key Sequence?

Newsgroup: rec.radio.scanner
Date: 1995-03-13 22:24:24 UTC
From: Michael Cole <Michael_Cole@hp6650.desk.hp.com>
Message-ID: <D5EGwo.Epz@cup.hp.com>
Source record: 260266

Does anyone have the memory reset key sequence for the Bearcat 200LXT? In addition, does anyone know of a way to instantly remove all channel lockouts at once for this same radio? I've seen reference to this undocumented feature on other scanners and was wondering if it also would work for the Bearcat. Thanks for any info. you can provide!

Regards,

Michael_Cole@hp6650.desk.hp.com

3199. Re: Bearcat 9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-13 22:47:07 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3k2i1bouc1@mhade.production.compuserve.com>
Source record: 260320

Hi Jeff. Pricing really is strange. Has the wholesale price of the 9000XLT gone down since it came out? I paid $419, but that's starting to look like a high price. <g>

3200. Re: ? AR-3000 software

Newsgroup: rec.radio.scanner
Date: 1995-03-13 23:08:27 UTC
From: paul@termcon.demon.co.uk
Message-ID: <47608728wnr@termcon.demon.co.uk>
Source record: 260268

In article: <3jm7ni$e29@marina.scn.de> koellner@wall.scn.de (Guenther Koellner) writes:
>
> Hello,
>
> is there anyone who has software to drive a AR-3000 scanner? I thnk this
> is / has been asked before but sorry, I am new on internet.
>

Check out ftp.demon.co.uk /pub/ham/scanners

there are two demo's sscom.exe is scanstar demo
very good.

--
paul@termcon.demon.co.uk PGP2.6 Key Available

3201. Linux decoding software

Newsgroup: rec.radio.scanner
Date: 1995-03-13 23:19:05 UTC
From: steve@borisone.demon.co.uk
Message-ID: <3k2jt9$8ap@borisone.demon.co.uk>
Source record: 260133

[Article crossposted from uk.radio.amateur]
[Author was steve roberts]
[Posted on 13 Mar 1995 23:17:25 GMT]

Greetings,
I wish to set up a general decoding station i.e. weather satellite,
general fax/rtty etc using a 486 pc and Linux to control the various
receivers and perform the decoding. Does anyone have any unix progs
source code or ftp sites that may be useful??
I will probably have to hack the Linux kernel :-(, any suggestions?
Has anyone used the Maplin dsp weather satellite interface?
My basic setup would be an AR3030, FRG9600, dedicated weather sat
receiver and interfaces as required...including the Maplin interface.

Cheers Steve Roberts
steve@borisone.demon.co.uk

- Its better to burn out than fade away..

3202. Re: Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1995-03-13 23:19:49 UTC
From: BIGBOY <orkin@delphi.com>
Message-ID: <Zi262Ct.orkin@delphi.com>
Source record: 260269

Robert E. Edmunds <az342@FreeNet.Carleton.CA> writes:

> Just wondering if someone could give me a phone number and/or address
>where I could get info on subscribing to Monitoring Times. (can't find it
>anywhere around here).
>
> Any help would be appreciated.

Grove enterprises have it ,the number is 1-800-438-8155 m-f 8am-5:30pm eastern.

3203. Re: Scanning cruise liners

Newsgroup: rec.radio.scanner
Date: 1995-03-13 23:58:49 UTC
From: wwhitby@aol.com
Message-ID: <3k2m7p$dhl@newsbf02.news.aol.com>
Source record: 260270

I watched the officers and crew of the Mardi Gras using marine VHF radios entering port and casting off from the dock. On the downside, the officers were speaking in Italian. Using a scanner may not be a good idea if the crew speaks in a language you can't understand.

Warren Whitby
wwhitby@aol.com - Home wwhitby@lan.mcl.bdm.com - Work
Ham radio: KE4ITL

"For whosoever shall call upon the name of the Lord shall be saved."
Romans 10:13

3204. Re: Scanner World

Newsgroup: rec.radio.scanner
Date: 1995-03-13 23:59:46 UTC
From: wwhitby@aol.com
Message-ID: <3k2m9i$dic@newsbf02.news.aol.com>
Source record: 260271

Does anyone know what Scanner World's BC9000xlt's are going for?

Warren Whitby
wwhitby@aol.com - Home wwhitby@lan.mcl.bdm.com - Work
Ham radio: KE4ITL

"For whosoever shall call upon the name of the Lord shall be saved."
Romans 10:13

3205. Re: Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1995-03-14 00:31:05 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3k2o49$1bk@hptemp1.cc.umr.edu>
Source record: 260279

Richard Williams (richlw@moose.erie.net) typed:
: Hi All,
: Just received a catalog wherein there are advertising a Uniden Bearcat
: hand held scanner; no model number given. Anyway, it has "Turbo-Scan",
: which supposedly scans 100 channels/sec. "Has data skip and memory
: backup that retains frequencies for up to three days without batteries.
: Rechargeable ni-cad battery pack, AC adapter. Price is $200. Seems a
: little steep, but I thought I would ask for the opinions of more
: experienced scanner users. Good buy?
: Thanks,
: Dick

Sounds like my SC150. It will search (in the lower freqs. below 500 MHz)
at a rate of 300 chs per sec, if I remember correctly. It has data skip,
AC adapter, Ni-Cd pack, and 10 programmable freq banks with a direct mode
for the first ten channels (out of 100). It cost me about $210 with tax
at the Wal-Mart back home in Geneva, NY, in June of 94. It is a pretty
good scanner for the price, and will allow for some cell freqs. and a lot
of cordless freqs (if you're into that stuff), but it has served me well
as a recreational scanner...
--
Ben Lerman
lerman@umr.edu

3206. Q on local PD freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-14 00:43:14 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3k2or2$1bk@hptemp1.cc.umr.edu>
Source record: 260280

The local police department here in Rolla, MO has an annoying feature in its radio system, in that it is continually broadcasting. It is not always on, but when I do catch the frequency when it is free, it is not more than a few seconds before they transmit. It sounds almost like someone forgot and left an open mic, since it is not static noise. Is this similar to what I read in a previous thread (I think it was '800 MHz is impossible') where they describe the repeater as sending out a broadcast. Note that the frequency does not skip around like an 800 or trunked system. I am just wondering if there is any way I can succesfully scan this channel without being stuck on it?

--
Ben Lerman
lerman@umr.edu

3207. Don't expect privacy on cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-14 00:48:16 UTC
From: RSC@sruvm.sru.edu
Message-ID: <1736011680S86.RSC@sruvm.sru.edu>
Source record: 260275

This article was in tonights newspaper, thought you'd like it:

"DON'T EXPECT PRIVACY ON CORDLESS PHONE"
By "The Arizona Republic", Tucson, Ariz.

"Drug dealers and everybody else should know not to expect privacy when they talk on cordless telephones, the Arizona Court of Appeals says.

In a unanimous decision, the court's Tucson division has rejected Ana Patricia Duran's argument that a search of her home, during which large bags of marijuana and drug paraphernalia were discovered, was based on an illegal wiretap.

Police got a search warrant after Duran's neighbor, an off-duty sheriffs deputy, intercepted her cordless-phone conversations with his radio scanner.

Duran later was found guilty in Pima County Superior Court of possession for sale of marijuana and was sentenced to five years in prison. She appealed, arguing that the search of her home violated wiretap laws and, therefore, the evidence found could not be used against her.

Wiretap statutes protect wire, electronic and some oral communications from unauthorized interceptions. Under the law, the radio waves between a cordless-telephone handset and its base are not considered wire or electronic communications.

Based on the widespread use of cordless phones and the common knowledge of how they work, Duran had no reason to believe that her talks would be confidential, the court said in its Feb 28 opinion."

3208. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-14 01:15:00 UTC
From: tbowman@leba.net
Message-ID: <3k2qml$4nk@fig.leba.net>
Source record: 260272

>
there is a set of frequencies used for mutual aid
> nation wide.
>
Try 155.475 mHz., National Emergency Police Frequency, AKA "switch to National...."

3209. Re: Chicago, IL frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-14 01:23:00 UTC
From: ebdavidson@delphi.com
Message-ID: <Zq07uQk.ebdavidson@delphi.com>
Source record: 260273

Jonathan Raines <jrainekc@cyclops.pei.edu> writes:

>anyone could e-mail me some frequencies for Chicago Police and Fire Dept.

Try 460.0 - 460.5 for Chicago Pd.
Brad

3210. Listening to the shuttle...

Newsgroup: rec.radio.scanner
Date: 1995-03-14 01:29:52 UTC
From: an132339@anon.penet.fi
Message-ID: <013312Z14031995@anon.penet.fi>
Source record: 260274

In the Long Island, NY area, What frequencies can space shuttle voice on?
Also, when is the most active time to hear this.Thanks in advance.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

3211. Re: 800 mhz video ??????

Newsgroup: rec.radio.scanner
Date: 1995-03-14 01:42:06 UTC
From: mgarrett@prairienet.org
Message-ID: <3k2s9e$6v5@vixen.cso.uiuc.edu>
Source record: 260276

In a previous article, orkin@delphi.com (BIGBOY) says:

>Does anyone know if there is any video on the 800-900 mhz,like for news channels
>or amateur video?
>
There is nothing in the 800 MHZ band but the 900 MHZ band contains
Amateur ATV on several frequencys in the 900 band.
Also the video Rabits that you see in stores run in the same band also.
Look for both between 902 and 928 MHZ.
--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

3212. Re: Miami Area Police Freq's?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 02:25:27 UTC
From: bsherman@nexus.interealm.com
Message-ID: <bsherman.795147927@nexus.interealm.com>
Source record: 260277
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Mike154@ix.netcom.com (Mike Prentice) writes:
B

>A few years ago I had these freq's and listened to them religiously, but
>got busy and lost interest temporarily. I just recently pulled out my
>scanner (old BC 55XLT), but don't have the Freq's anymore. Can anybody
>help me?
>I am looking specifically for Metro-Dade channels; Freq's for normal
>dispatch, tactical, A channels, B Channels, survelience, ect.
>Anything will help me out THANKS!
>--
They still have a few of the old ones in the 155-157 mhz area,
but they are quickly shifting to 800 mhz, and by the end of the
year will be using a digital trunking system made by GE..

You might want to try 155.790 for starters..

3213. Why have gaps in legal ranges?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 02:38:16 UTC
From: cg1@ssnet.com
Message-ID: <3k2vio$bhe@marlin.ssnet.com>
Source record: 260278

O.K., I understand why manufacturers take the time to put in frequency gaps wherever there are legal implications, but why spend the time/money to put in gaps where there are no legality issues.

Lets say a scanner manufacturer wants to cover from 1Mhz up to 1Ghz - block out cellular, cordless, or whatever - fine. Why block out AM, FM, TV, CB, and whatever else may fall in range? I'd love to be able to carry one device on vacation that doubles or "quads" as a regular scanner, radio, CB receiver (for hearing about traffic conditions, etc), and the audio track of my favorite show which I might otherwise miss out on, etc. etc.

Mark

3214. 8500XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-14 02:49:26 UTC
From: RHNT74A@prodigy.com
Message-ID: <3k307m$o5q@usenetp1.news.prodigy.com>
Source record: 260281

Need 8500XLT Mods.

3215. Re: AM Broadcast on scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 03:03:53 UTC
From: johnmill@scs.realm.net
Message-ID: <3k312p$dnk@realm2.realm.net>
Source record: 260282

In article <gregjo-0803951430100001@pcgjohnson.orem.novell.com>, gregjo@wordperfect.com (Greg Johnson) says:
>
>I'm a dangerously radio-challenged person with a simple question:
>How come I can pick up standard AM broadcasts with a transistor
>radio, yet can't hear a thing with my scanner? (example 1160 Khz).
>I can pick up some shortwave stations by chucking a long wire out
>my window, but nothing in the standard AM band. What does the
>transistor radio have that my scanner doesn't? (I can get standard FM
>broadcasts as well as TV audio).
>Thanks.
Most scanners don't go low enough in frequency. Most don't go any lower than 25MHZ. 1160 Khz is 1.160 Mhz.
If yours does go that low, make sure you are in AM mode. The limiters in FM mode will not allow
amplitude modulation (am) to be detected.

3216. Which scanners have CTSS capability

Newsgroup: rec.radio.scanner
Date: 1995-03-14 03:10:09 UTC
From: erk@netcom.com
Message-ID: <erkD5Eu4y.C9C@netcom.com>
Source record: 260285

I've been looking at the new line of scanners out these days and have
been sorely tempted to update my old bc200xlt to something that has
a few more bells and whistles. I read a posters opinions of the bc9000xlt
in an earlier post and was curious about the CTSS option that he mentioned
he was going to get for his scanner.

I had always beleived that CTSS was only usefull for x-mitters to turn
on a repeater for transmitting, I was corrected bye the poster who noted
that it is also usefull for recieving with the new polling systems
that the local agencies (are starting to ?) use. For instance:

I've been told that Sacramento County will be upgrading their radio system
to a newer polling system. This system will have say .. ten channels for
ALL of the agencies, but any one of these channels could be used by any
agency, while maintaining privacy from interferance from any other agencies.
Am I making myself clear ?

In other words:
given these freqs. the person keying the mike in a sherrifs car could end
up on any frequency ,

On the first key up lets say channel 3 @ 453.020

1. 453.000
2. 453.010
3. 453.020 Sherrifs (first key up)
4. 453.030
5. 453.040 Sheriffs (third key up)
6. 453.050
7. 453.060
8. 453.070 Sherrifs (second key up)
9. 453.080
10. 453.090

On the second key up he may end up on channel 8 @ 453.070
On the third key up he may end up on channel 5 @ 453.040

As you can see this will make scanning in the traditional sense obsolete!

It will be impossible to follow a conversation as the frequencies are
shifted constantly.

To Complicate matters, there will be other unrelated agencies using these
same ten frequencies, constantly intermixed with sherrifs, the dog pound
and the tree trimmers , etc.

If they do in fact use tone decoding for ferreting out the receiving
stations then this CTSS mod would be mucho usefull. If on the other
hand they use digital decoding then it would not, quite possibly
making the situation impossible. As I understand the radios do have
digital signatures (I've not only seen , but have used these radios)
They are programmable in ways in which our experts at the radio shop
are still not aware of (since I talked to them about 6 mos. ago that is)
In this worst case of digital decoding, will scanning be impossible ?

For now I am hoping that the decoding will in fact be tone decoding.

So I ask: Are there scanners that are available for decoding CTSS tone
codes and (hopefully) digital codes for keeping the scanner on track of
a conversation going on for any particular agency ?

Or should I just hang up my scanner and go back to watching sitcoms :-/

--
-+
Brough to you by: Erick Parsons at erk@netcom.com or erk@citrus.sac.ca.us
+-

3217. Re: Cable Line for antenn

Newsgroup: rec.radio.scanner
Date: 1995-03-14 03:15:00 UTC
From: rocky.theoret@undiscovered.com
Message-ID: <8A56537.1570001C9D.uuout@undiscovered.com>
Source record: 260155

-=> Quoting Bigboy to All <=-

Bi> You can hear all of the cable channels audio if you hook up cable to
Bi> your scanner.

Does anybody have a list of frequencies that are used for cable tv?
I know, for example, that "channel 50" and "cable 50" are on
different frequencies. I had a list of frequencies that were used by
the cable companies but I can't seem to find them!
Any help would be greatly appreciated!
Either post them here or E-mail them to me at:
rocky.theoret@undiscovered.com

Thanks a lot guys.....oh, and gals!

... Why shouldn't WOMEN have to put the toilet seat back UP?!
___ Blue Wave/QWK v2.11

3218. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-14 03:30:18 UTC
From: rsopicki@pro-amber.cts.com
Message-ID: <cd70613@pro-amber.cts.com>
Source record: 260289

In <D5DzGF.174@freenet.carleton.ca>
ad607@FreeNet.Carleton.CA (Darrell A. Larose) writes:

>
>In a previous posting, Wun-chun Chau (wun-chun@phoenix.ece.wisc.edu) writes:
>> I heard that scanner can pick up any nearby cordless phone's transmition,
>> is that true? How can it be done? How to prevent it?
>>
>
>I have monitored cordless phones up to 5 Kms from my location. So if you
>are concerned use a regular landline. BTW monitoring cordless phones is
>illegal in the USA (ya, right!) but it is legal here in Canada. I would
>suggest that you use common sense and not give out personal info over
>a cordless phone, ie: Credit Card numbers etc...
>

Or, get a cordless that "scrambles" the transmission. I bought a Cobra that
makes any conversation pure garbage to a listener.

ProLine: rsopicki@pro-amber | System Administrator
Internet: rsopicki@pro-amber.cts.com | Pro-Amber
UUCP: crash!pro-amber!rsopicki | 619-460-9762
|

3219. SW TO SCANNER????

Newsgroup: rec.radio.scanner
Date: 1995-03-14 03:42:53 UTC
From: BIGBOY <orkin@delphi.com>
Message-ID: <Rw9aW2I.orkin@delphi.com>
Source record: 260283

I see it is possible to convert a certain spectrum on a scanner to shortwave freqs,by using a converter,now my question is can a converter be made to hear scanner freqs (lets say 30-1300 mhz,in that area anywhere)on a shortwave radio?

I am curious to know ,because it would be pretty neat on hearing scanner stuff on my sw,and i could actually tune in freqs by rotor tuning?
that "?" is suppose to be a period, some people who answer questions are pretty direct and would probably think that last sentence was a question.

3220. Re: Scanner World

Newsgroup: rec.radio.scanner
Date: 1995-03-14 04:09:47 UTC
From: mnappo@mhv.net
Message-ID: <3k34ub$ser@over.mhv.net>
Source record: 260284

In <3k0h7n$die@usenetw1.news.prodigy.com>, WWQE87A@prodigy.com (Martin Toomajian) writes:
>Scanner World can be reached at 518-436-9606. I know of no 800 number
>for this company.

There is no published 800 number for Scanner World (Albany, NY).
Harvey Park Radio has the 9000 for $379.95 (with $20 off coupon) and $8 s&h.
303-231-6585 (Littleton, CO)

..Mike

Michael A. Nappo
Computer Specialist; Volunteer Ambulance EMT-D; Newburgh, NY
mnappo@mhv.net

3221. Re: Listening to the shuttle...

Newsgroup: rec.radio.scanner
Date: 1995-03-14 04:22:18 UTC
From: ddillon@csulb.edu
Message-ID: <3k35lq$53u@garuda.csulb.edu>
Source record: 260287

Greg_M (an132339@anon.penet.fi) wrote:

: In the Long Island, NY area, What frequencies can space shuttle voice on?
: Also, when is the most active time to hear this.Thanks in advance.
: ----------
: To find out more about the anon service, send mail to help@anon.penet.fi.
: Due to the double-blind, any mail replies to this message will be anonymized,
: and an anonymous id will be allocated automatically. You have been warned.
: Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

Listen on 145.550 FM
both voice and packet (computer) radio.You will get only a nine minute
window period when they are overhead.

You can actually see them with the naked eye at altitudes above 30 degrees.

DEFINATELY get a tracking program and the necessary data to see where the
shuttle is at all times, especially so that you may predict when it will
be overhead.

I made a contact from here in So Cal about 20 minutes ago. VERY cool.
Looking forward to getting a QSL card.

Another pass will be here a little after 9:00 pm. I am hoping for a
voice contact. 73 to all, and good luck.

For those in So Cal area, I have the predicted times estimated:
for 3-13-95 local time to LA
21:05 to 21:13 11 deg high at 198 deg clockwise from due north
22:44 to 2:47 1 deg high at 207 deg (forget this one... too low)

then the next good one is at 95,14,03 at 18:16 to 18:26
it will be 26 degrees high, at 181.4 deg clockwise from north.

Sorry that I only have data for the So Cal area. I don't know how to
program this thing for other areas. Someone else set me up for So Cal
Anyway, when you hear activity on 145.550 MHZ, they are
within your circle of view.

Dan

3222. Need 900Mhz cordless phone frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-14 04:28:42 UTC
From: semana@cs.concordia.ca
Message-ID: <3k361q$i0f@newsflash.concordia.ca>
Source record: 260286

Anyone have the exact frequencies for the cordless phones that operate
in the 900 Mhz range ?

Thanks

3223. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-14 04:48:20 UTC
From: rogerp@westnet.com
Message-ID: <3k376k$1qh@westnet.westnet.com>
Source record: 260288

In article <3k0jt9$3ij@metroux.metrobbs.com>, cadsuper@big12.metrobbs.com says...
>
>Anyone familiar with the beartracker from Uniden?

The freq it uses to trigger the alert light is used by the mobile extender (a mini-repeater used only between the patrol car and the officer's portable radio).

Two very important things the Beartracker ads don't tell you:

1. The mobile extender is on ONLY when the officer is OUT OF THE CAR. Therefore, (A) if he's sitting in his car watching the readout on his radar unit as you came barrel-assing over the hill, the mobile extender is not on and the Beartracker ain't gonna save your ass no way, no how, (B) if he's out of his car using his portable it means he's busy with something/someone else and probably not interested in you, anyway.

2. Not all states have mobile extenders in their patrol cars.

The bottom line on the Beartracker is: buy a real scanner and the latest edition of Monitor Amercia.

Roger

3224. Killing Birdies

Newsgroup: rec.radio.scanner
Date: 1995-03-14 06:05:03 UTC
From: dstuart@saucer.cc.umr.edu
Message-ID: <3k3bmf$7mq@hptemp1.cc.umr.edu>
Source record: 260290

I have a birdie on my pro-51 that is sitting right on a freq I want to
listen to very often. How could I kill it without destroying reception?

--
-- Dave Stuart
dstuart@umr.edu

3225. Help...looking for schematic

Newsgroup: rec.radio.scanner
Date: 1995-03-14 06:40:25 UTC
From: q382@aol.com
Message-ID: <3k3dop$k3q@newsbf02.news.aol.com>
Source record: 260291

Can anyone tell me where I might find a copy of a schematic or service manual for
an "RCA Radiomarine"? It's an old tube set; radio telephone. Model ET8057,

8 channel, 100W.

E-mail to :Q382 @AOL.COM Thanks.

3226. pro 43 diode for recieving cell

Newsgroup: rec.radio.scanner
Date: 1995-03-14 07:38:17 UTC
From: tuck@ionet.net
Message-ID: <3k3h59$7lu@hermes.oc.com>
Source record: 260301

I have a realistic pro 43 model # 20-300 .how do i recieve cell
phone 823-849 mhz.Somebody told me there was a diode i had to pull out.
anybody know what the diode number is ?
thanks

pat (jukebox)

3227. AOR 8000

Newsgroup: rec.radio.scanner
Date: 1995-03-14 07:44:58 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5F6uy.2w9@agora.rdrop.com>
Source record: 260297

Is it true that when you set the delay on the AR8000, that it puts a delay on all the channels, and that you can't set a delay on just one channel?

TTFN

-Steven

3228. Re: DTMF Tones?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 08:16:30 UTC
From: marc_k@escape.com
Message-ID: <3k3jcu$1rj@beyond.escape.com>
Source record: 260294

Those other tones you mention are NOT DTMF..they are called MF!
These are used for inter-office signaling(mostly for long-distance calling).
They are not used as often as they used to, since many carrier offices
communicate digitally using a system called CCIS.
This is a digital out-of-band signaling system(the one using the MF tones is
in-band signaling).
P.S. in case you are wondering..yes there used to be a method of evading
phone call billing using the MF tones(the infamous "BLUE BOX").
Needless to say, since most trunks are using CCIS now at days, this is
generally more trouble than it's worth).
If you are looking for more info on this topic, you might want to check
out alt.2600
Look for the alt.2600 FAQ as well.

3229. Re: BC200XLT Mod wanted for UC-1147A Microprocessor.

Newsgroup: rec.radio.scanner
Date: 1995-03-14 08:24:41 UTC
From: marc_k@escape.com
Message-ID: <3k3js9$1rj@beyond.escape.com>
Source record: 260295

Look around..there is a DIFFERENT mod for the 1147A version!

3230. Re: secure clear

Newsgroup: rec.radio.scanner
Date: 1995-03-14 08:27:49 UTC
From: marc_k@escape.com
Message-ID: <3k3k25$1rj@beyond.escape.com>
Source record: 260296

The Ramsey decoder (SS-70) will work on them also.

3231. MVT-7100D, for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-14 10:02:15 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <3k4be7$c3p@mrnews.mro.dec.com>
Source record: 260312

MVT-7100D

The "D" version has a added narrow band filter for improved AM reception. This makes a big difference in crowed shortwave bands.

The mod was installed by the dealer in Germany.

* Coverage 100KHz - 1650MHz (NO GAPS)

* Modes AM normal/narrow, FM narrow/wide, USB, LSB

Batteries, whip antenna, and charger included.

PRICE- $575.00

Ken N1KK

Ken Klimasewski
MRO1-D
klimasewski@fccvde.enet.dec.com
DTN: 297-2663
508-467-2663 (work)

3232. Re: High Freq Sound Filter-How do I make one?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 10:08:04 UTC
From: randolph@est.enet.dec.com
Message-ID: <3k4c03$ck9@mrnews.mro.dec.com>
Source record: 260314
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3k1n1u$300@b30news.b30.ingr.com>, ptcarter@b30news.b30.ingr.com (Paul Carter) writes...
>So my question is, Is there anyway to filter out these tones and leave
>just the desired audio?
>Paul ptcarter@ingr.com

Solder a capacitor across the headphone output jack. You might have to experiment a little to get a value that knocks the high-freq buzz down while not killing the desired audio. 0.5-10 uF is about the right range. You can get much more complicated than this, but this is one simple method - $1.

Next up the scale is an op-amp active low-pass filter or notch filter. See the ARRL Handbook or one of the op-amp "cookbooks" for circuits - $10.

Next is a fancy Digital Signal Processor that digitizes the audio, crunches it to remove whatever you tell it to remove, and spits it out as audio - $100.

-Tom R. N1OOQ randolph@est.enet.dec.com

3233. Re: Cable Line for antenna?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 10:21:25 UTC
From: randolph@est.enet.dec.com
Message-ID: <3k4cr9$ck9@mrnews.mro.dec.com>
Source record: 260318

In article <3jsqkp$oba@news.ameritel.net>, depoe@atc.ameritel.net (Dan Poe) writes...
> I'm having problems picking up any mobile broadcasts further than
>5 miles. I have a simple "three-prong" antenna on the roof. Is there
>any way I can increase my range, say with a booster, different antenna?

Tell us more about your current antenna. I don't really know what a "3-prong"
is. What type of feedline are you using - coax? What type?

"Boosters", i.e. preamps are difficult to do right. Get everything else right
first.

>I don't really want to go higher if I don't have to.

Once you're outside and on the roof, it's tough to get much more signal by
going higher, unless you happen to be just below a hilltop that's blocking what
you want to hear.

>Also a friend of
>mine said he heard you could get an adapter for your cable T.V. line and
>hook it to your scanner and pick up everything. Anyone hear of this?
> Dan Poe

Sure, you can pick up the cable TV broadcast audio. I don't think that's what
you're looking for. Or maybe it's some screwball gadget that turns the shield
of the cable into an antenna. I wouldn't bother if so. The cable might or might
not be a better antenna than what you already have - probably not.

-Tom R. N1OOQ randolph@est.enet.dec.com

3234. Re: PRO43/RS Tech - HELP!

Newsgroup: rec.radio.scanner
Date: 1995-03-14 11:10:41 UTC
From: an211263@anon.penet.fi
Message-ID: <111322Z14031995@anon.penet.fi>
Source record: 260300

The PRO-43 reset sequence is power off, hold down "0" + "CLEAR", thrn
power on. Sounds like that'd probably solve your "dead" scanner problem.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

3235. scanners on US Air

Newsgroup: rec.radio.scanner
Date: 1995-03-14 11:11:50 UTC
From: darwin@dorite.use.com
Message-ID: <D5FGFr.6v2@dorite.use.com>
Source record: 260307

I'm planning on flying via US Air. Any ideas how they feel about using scanners on the plane now?

Also, could I carry an HT on the plane (I have no plans to use it while anywhere near a plane)?

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3236. PRO-43 Modifications FAQ

Newsgroup: rec.radio.scanner
Date: 1995-03-14 12:50:05 UTC
From: gdallal@world.std.com
Message-ID: <D5FKzI.8vu@world.std.com>
Source record: 260302

Radio Shack PRO-43 Modifications FAQ
CONTENTS

1. Introduction
2. Which units can be modified for extended frequency
reception?
3. Companies that will modify the PRO-43 for extended
frequency reception
4. The modifications
extended receive (original mod + solderless)
keypad beep delete
improved audio
attaching an S-meter
400 memory channels

---

1. Introduction

Because there is a continuing demand for it, this mini-FAQ about PRO-43 modifications will be posted every two weeks until there is demand for its removal. In large part, it is the file PRO43.MOD from pub/hamradio/mods/tandy at oak.oakland.edu .

The FAQ now includes mods for

(1) extended receive (original mod + solderless)
(2) keypad beep delete
(3) improved audio
(4) attaching an S-meter

There is also a mod for 400 memory channels, but, to quote its author, it is very complicated, should only be attempted by someone with moderate to advanced electronics experience, and is not for the faint of heart or the "weekend technician." A brief description is included at the end of this FAQ. If the mod were included in its entirety, the size of the FAQ would be increased four-fold.

---

2. Which units can be modified for extended frequency reception?

Note: It is against the law (Electronics Communications Privacy Act of 1987, public law 99-508, amended 1994 by public law 103-414) to listen to cellular or cordless telephone communications. However, it is not illegal to own equipment that can receive or can be modified to receive such

communications, even though it became illegal as of April 1994 to manufacture or import equipment that could be easily modified by the user to receive cellular communications. Equipment manufactured before the cutoff date can continue to be sold until stocks are exhausted. While businesses are forbidden from importing cellular capable scanners for resale, the question has been raised whether an individual can legally import such equipment not intended for resale. The issue is not explored here.

Which PRO-43 units can be modified for extended receive?

Modifiable | Nonmodifiable
|
serial number no A in # | begins with A
FCC-ID AA020-300 | AA020-300A

Inside the battery compartment is a paper label containing the date of manufacture in the form "month A year". For example, 5A3 is May, 1993. The cutoff date after which units could no longer be modifiable is April, 1994 (4A4). So far, the earliest reported date of manufacture of a nonmodifiable unit is 3A4 (March, 1994). [There have been *no* reports of a modifiable 3A4 unit.]

The PRO-43 was produced under two brand names. My 3A3 unit carries the Realistic name; my 12A3 unit carries the Radio Shack name. At the moment, it is not known whether this represented a changeover or whether both types were produced side-by-side for a time. It is also not known whether their electronics are different.

There are no software modifications for the PRO-43. It is not possible to extend the frequency range of the radio by pushing buttons on the keypad. Such modifications are possible with other models, such as the PRO-51, but *not* with the PRO-43. The PRO-43, made by GRE (General Radio Electronics) of Japan, is one of Radio Shack's few triple conversion units. Radio Shack scanners with software mods are double conversion units made by Uniden.

Modification procedures for other radios are available by anonymous ftp from the pub/hamradio/mods/<manufacturer> subdirectories at oak.oakland.edu.

There is some debate about whether step (5) of the extended receive modification is worthwhile. According to Bob Parnass, from his "Improved Audio Mod", below:

"Now that I have a schematic, I see that the European version of the PRO-43 has different coils and capacitors in the low (mid) band front end filter. That explains why the 75 MHz sensitivity isn't stellar

after adding diode D3 to enable 30-88 MHz coverage."

So, if you trash the diode in step 4 or want to quit while your ahead, don't lose sleep over it. On the other hand, quoting ray_reese@tscnet.eskimo.com (Ray Reese),

When I purchased my PRO-43 and did the mod for adding 54-88 Mhz, using the removed cell. diode, I wanted to be able to listen to the sound carrier for the tv channels 2-6 as well as the 72-76 Mhz band. It is worth the trouble to make the mode and it does work well in my area, despite not having the correct coils for that band area. Do the mod anyway, but [if you've trashed your original diode], use a 1N4148 fast-switching diode. Perhaps a 1N914 might do the job also. They can be found at Radio Shack for a cheap price.

---

3. Companies that will modify the PRO-43 for extended frequency reception

If you'd rather not do the modification for extended frequency reception yourself, Cellular Security Group, 106 Western Avenue, Essex, MA 01929 (508/768-7486) will do it for $40, which includes insured UPS return postage. However, CSG will not move the diode to extend the low band to 88 MHz; they only remove the diode to unlock the 800 MHz frequencies. When CSG is mentioned on the net, two types of comments follow: testimonials from satisfied customers and comments from those with the technical skills claiming that the service seems high priced for just removing the diode. But, there have been *no* reports of shoddy work or damaged radios. (They've modified two of mine.) Units are processed within 24 hours of receipt.

Grove Enterprises' newly advertised Repair Service will perform the mod for $40 plus shipping. They will move (rather than just remove) the diode in units that can benefit from it, but state that there is no way to tell whether the diode should be moved without looking inside. They claim that the determination can not be made from the serial number, FCC-ID, or date of manufacture. For further details, call Grove at 704/837-7081. In order to get a unit modified, a service order number must be obtained from the same telephone number. Packages without a SO# will be refused.

---

4. The modifications

From: armille@afterlife.ncsc.mil (A. Ray Miller)
Summary: cellular (870-890 MHz) and low band (51-88 MHz) restoration for PRO-43

A few people have mentioned the cellular mod for the PRO-43; it turns out you should not remove but MOVE the diode. Doing so allows cellular coverage as well as low band (up to 88 MHz) coverage.

Acknowledgments to Grove Enterprises; this information came from them. They are selling the PRO-43 for $300 which is $50 less than Radio Shack. I have no connection with them other than as a satisfied customer.

PRO-43
Cellular Frequency Restoration and Low Band Expansion

Note: It is not lawful to monitor cellular or conventional mobile telephone conversations.

The following procedure requires familiarity with microcircuit soldering and will violate your warranty. Grove Enterprises assumes no liability resulting from its attempt, nor will accept the modified scanner for return under any condition.

TOOLS NEEDED: Fine point, low power soldering pencil; solder wick or a desoldering tool; pointed awl, hemostats or pointed tweezers; small Philips screwdriver; solder.

1) Remove the battery, antenna and back cover (held in place by four screws).

2) Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up from the board. Carefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3) Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4) Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labeled D1-D5 above it. Only diodes D1, D2, and D4 are present; assisted by a pointed tool, unsolder and remove D4, the lone diode (this restores cellular frequencies which will be searched in 30 kHz steps).

5) Resolder the removed diode carefully into position D3 to extend low band coverage to 88 MHz.

6) Reassemble the boards, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency between 870 and 890 MHz (cellular) and 51-88 MHz (low band).
--

A. Ray Miller
arm@super.org | armille@afterlife.ncsc.mil

From: IN%"savage@dg-rtp.dg.com" 2-FEB-1995 17:55:07.31

BTW, I did something similar [to the mod that follows] but MUCH easier... No soldering, removing antennas, PCBs, etc..

Just open up the Pro 43 and look down on the bottom PCB from where the batteries usually lie. You'll see the diodes there. Simply take an xacto knife and and break the solder on the D4 diode (left-most on mine) on the side facing you. I just cut back-and-forth for a bit. Once the solder (it's surface mounted) is weak enough, I just bend up the diode a bit from the PCB. Presto. I left mine hanging on the one side with solder. If you continue to work it a bit, you can probably remove the whole diode.

--Ed

From: springel@umich.edu (Jason G. Springel)
Subject: MODing a Pro-43 without soldering

I just purchased a new Pro-43 to replace my Uniden 200XLT after reading many of the praises for the Pro-43 on this newsgroup. I decided to try and MOD it, but don't have a lot of experience with a soldering iron. After examining the scanner's innards, I found it was quite easy to "fix" with nothing more than a minature philips screwdriver and some small needlenose pliars.

********** Standard Discalimer from other MODs:

1-It is against the law to monitor cellular or mobile telephone calls.

*****2-Procedures outlined below [DO NOT] require knowledge of microcircuits, soldering and assembly techniques.

*****3-You will [NOT] need a low-wattage soldering iron, solder and other various tools to help in the procedure.

4-The following procedure will void your warranty.

****
Here is my new MOD:

Step 1

Remove the battery, antenna, and back cover which is held in place by four screws. Place the scanner keypad-side down on your working surface.

Step 2

Remove the six screws holding the top circuit board in place.

Step 3

Using a VERY small screwdriver (I used one from a Radio Shack kit), remove the two screws from the lower circuit board. Looking down at the unit, you will see that the screw on right side of the lower circuit board can be easily removed. Remove the screw on the left side by by sliding the screwdriver between the top circuit board and the metal frame which holds the two boards together.

Step 4

With these two screws removed, you can now lift the entire top panel (antenna, volume, and squelch knobs) along with the top two circuit boards as one unit. The two circuit boards will be connected to the final circuit board (the one attached to the front section of the scanner) by several wires. Simply set the top panel/circuit boards alongside the front section of the scanner and you can leave these wires connected.

Step 5

The microporcessor is located under the large metal shield on the final board (the front section of the scanner with the display and keypad). If you look under metal shield from the side closest to the bottom of the scanner, you should see the row of diodes labeled D1-D5.

Only diodes D1, D2 and D4 should be present.

Use a small pointed tool to break off D4. You actually don't have to remove it completely (unless you want to use it to restore additional frequencies as explained in other MODs), you can just lift one side so it dosen't make connection and then put a small piece of tape or heat shrink over it, so it won't. Make sure it's not lifted to high or the boards will not fit.

This will restore Cellular Frequencies in 30 kHz steps.

Step 5

Reverse the process to replace the top panel/circuit boards and the two screws that connect the lower circuit board. Replace the 6 screws from the top board. Replace the cover, etc.....

...the diode positions on the cpu board, of which only three are filled look like this. Where X equals a diode soldered in place.

D5 D4 D3 D2 D1

O X O X X Normal configuration

O O O X X Cellular modification(D4 removed)

O O X X X Lo-Band modification(D4 in D3's place)

These directions were based on an original MOD design whose origins I do not know. My thanks go out to the original author of that MOD! Hope this helps those of you who do not own a soldering iron!

From: ross@novax.llnl.gov
Date: 19 Aug 92 16:51:08 GMT

Here is my keypad beep delete mod for the RPO-43:

1. Remove battery.
2. Remove back cover (4 screws).

3. Remove top board (6 screws, desolder two antenna connections and bend antenna ground lead up out of the way). Be careful of black connector at bottom of board. Flip board over and lay aside (wire connectors need not be disconnected).
4. Remove middle board (remove 2 screws and wire connector). Be careful of two multi-pin connectors along underside of board. Set middle board aside.
5. Locate 10 pin connector on side of bottom board (labeled CN3). Note that one end of connector has pin 10 labeled as such. Count back to pin 6 and bend pin 6 ninety degrees towards the large RF shield. Make sure the bent pin clears the RF shield.
6. Reassemble and your done OR do the cell mod since you are so close.

Have fun. Gary Ross >usual disclaimer>

Subject: Improved audio for the PRO-43 portable scanner
From: parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S)
Date: Wed, 2 Dec 1992 01:15:35 GMT

IMPROVED AUDIO FOR THE PRO-43 SCANNER

by Bob Parnass, AJ9S

The Radio Shack PRO-43 scanner audio is too bassy.1 The lack of treble makes it difficult to hear the PRO-43 in noisy situations, especially while listening in a car or truck. Louis Shirley sent me a schematic and suggested I remove C341, a tiny 0.015 ufd surface mount capacitor.

I'm glad to report that removing C341 made a great improvement. The audio is now much "crisper," more like the Uniden 200xlt, although still not quite as loud. Turning the volume control up still overloads the PRO-43's small, internal speaker, but there's less need to do that once C341 is removed.

The PRO-43 contains 3 printed circuit boards, and the middle (second) board contains the audio circuitry. Finding C341 is difficult, as it is neither marked with a value nor a component designation. It is located on the foil side of the middle board, under IC304, an LM386 amplifier IC. C341 is in parallel with, and physically next to, R350 (33,000 ohm). R350 is slightly larger than C341 and is marked 333. Both R350 and C341 are connected between pin 2 of the LM386 and ground.

A Note About 50-88 MHz Reception

Now that I have a schematic, I see that the European version of the PRO-43 has different coils and capacitors in the low (mid) band front end filter. That explains why the 75 MHz sensitivity isn't stellar after adding diode D3 to enable 30-88 MHz coverage.

---

1. See "PRO-43 Product Review," by Bob Parnass, AJ9S, in
the November 1992 RCMA Journal.

--
==========
Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com - (708)979-5414

Subject: S-Meter for PRO-43
From: schuster@panix.com (Michael Schuster)

Found this on the Fidonet scanner echo:

=====begin quoted text=================

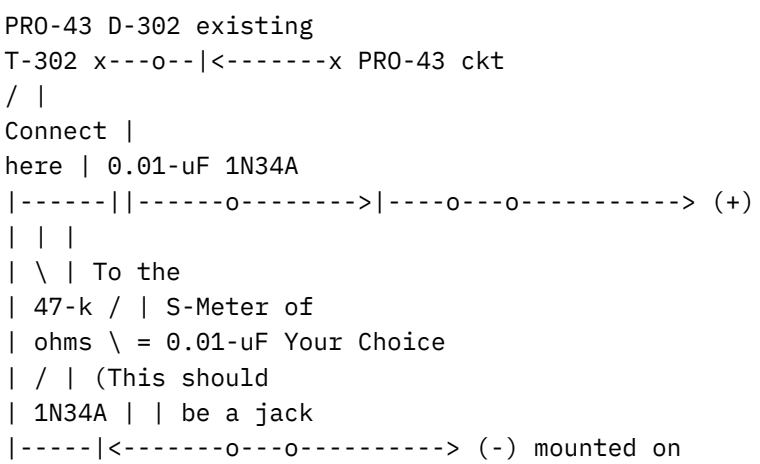
Date: 02-06-93 00:24
From: Bill Cheek
To: All
Subject: PRO-43 S-Meter!

Greetings Scanner Fans!

It had to happen! The fundamentals for an S-Meter exist alive and well in the PRO-43! Only a simple circuit and your choice of meter, analog or LED, is required for a jim-dandy S-Meter function!

The key point in the circuit is the cathode of D-302 located on the bottom (solder side) of the AF Board (middle board). You will need the Service Manual for the PRO-43 to find it as it's not marked and it would take me 10,000 words to guide you to exactly where it is located. Call Tandy National Parts at (800) 442-2425 to order your manual: approx $10. Now here is the deal:

Locate D-302 and either build the following circuit right there on the back of the AF board in the vicinity of D-302, or solder a wire to the cathode of D-302 and route it to somewhere else more convenient to feed the below circuit. This wire ought not to be very long, though, say not more than a couple of inches. Refer to the ASCII schematic diagram as follows:



^ PRO-43 Ground^ the case of
Legend: the scanner.
|
1. ---||--- and = are 0.01-uF capacitors; disk, mylar, monolythic, chip
|

2. --->|--- and ---|<---- are germanium diodes, 1N34A
| is cathode
< is anode

3. o means a connection, preferably soldered

4. The 47-k resistor is self-explanatory, I hope.

5. -------- and | are wires/conductors.
|
|

6. x is existing PRO-43 circuitry

If you use an analog meter, preferably a real S-Meter like salvaged from an old junked CB rig, then rig it as follows to connect to the circuit above:

```
5-k Trim Pot
(+) --------/\/\/\/\---o--------|
| | |
This should |-------| |
be a plug of +
some sort to The S-Meter
connect to the Terminals
mating jack on -
the scanner |
|
(-)----------------------------|
```

You can also build the 10-segment LED S-Meter as shown in Volume 2 of my SCANNER MODIFICATION HANDBOOK, available from leading mail order radio dealers everywhere. ISBN 0-939780-14-3 published by CRB Research Books, Inc. Commack, NY.

After connected and working, locate the PRO-43 very near a known strong transmitter, perhaps a ham transmitter, a police cruiser, your favorite security guard's handheld or right next to a cordless telephone, or anything else known to transmit a strong signal. Tune the scanner to the frequency, and adjust the 5-k trim pot above so the meter reads exactly full scale. All other signals will read proportionally lower to yield "relative signal strength" measurements! A hell of a circuit here, boys & girls! Have fun!

Developed & distributed by: Bill Cheek
COMMtronics Engineering
PO Box 262478
San Diego, CA 92196-2478

Ok to distribute, but credit appreciated. Thanks!

Bill Cheek

--- GEcho 1.00/beta+
* Origin: Hertzian Intercept, San Diego (6pm-1pm) 619-578-9247 (1:202/731.1)

======end quoted text====================

--
_____Mike Schuster_____
NY Pub. Access UNIX/Internet: schuster@panix.com | 70346.1745@CompuServe.COM
The Portal (R) System: schuster@shell.portal.com | MCI Mail,GEnie: MSCHUSTER

From: bbb@kuhub.cc.ukans.edu (LORD BB)
Subject: PRO-43 w/400 CHANNELS HERES HOW!

IT IS NOT FOR THE FAINT OF HEART however.

PRO-43 ENHANCEMENT
MEMORY EXPANSION & "FADE-AWAY" LIGHT
Brett Bennett 4/12/94
bbb@kuhub.cc.ukans.edu
Copyright 1994 B&D Electronics All Rights Reserved

INTRODUCTION

The following document details two enhancement modifications that are possible on the Radio Shack PRO-43 scanning radio. The first modification doubles the factory standard memory capacity, allowing you to enjoy an additional 200 channels of memory, plus 10 more monitor memories. After completing the first modification, it is a fairly simple matter to add a 7 to 10 second delay feature to the LCD back-light lamp circuit. I designed and performed these modifications on my PRO-43 and they do work. As I understand it, there (has been/is being) presented in WORLD SCANNER REPORT a similar memory expansion. I have not seen this modification and for all I know it is a better way of doing it. What is presented is a 'clean-room' design of my own that to the best of my knowledge is the only one to also offer a time-delay for the LCD back-light. Having said that, let me say:

I ASSUME NO RESPONSIBILITY FOR ANYTHING THAT MIGHT HAPPEN TO YOUR RADIO SHOULD YOU OR ANYONE ELSE ATTEMPT THESE MODIFICATIONS. WHILE REASONABLE CARE HAS GONE INTO THE PREPARATION OF THE FOLLOWING DOCUMENT, I CAN NOT GUARANTEE THAT THERE ARE NOT ERRORS.

The procedure described below is very complicated, and involves the soldering and desoldering of very tiny components and the cutting of printed circuit board traces. While the procedure is not irreversible, it will leave permanent scars inside your scanner. It should only be attempted by someone with moderate to advanced electronics experience. I don't think it should be attempted by, to quote someone else, a "weekend technician." If as you read through this you feel intimidated by the jargon and required procedures or if an electronic schematic looks like a strange piece of modern art to you, then this might not be the 'mod' you are looking for. The following document will assume you have obtained the materials listed below, especially the Service Manual, and you have studied the circuit in some detail. I will not describe

in great detail where every component is or where every solder point on the logic board should be placed. Having the Service Manual, and having studied the drawings therein will allow you determine to where it is I refer.

REQUIREMENTS

1 - PRO-43 Service Manual. (Tandy Parts # MS-2000300 - approx. $6.00)
1 - CD4053 - Triple - SPDT analog switch - Surface mount package (DigiKey #CD4053BCM-ND - approx. $1.50)
2 - 93C67 EEPROMs (Tandy Parts # MX-8050 - approx. $13.00/each)
1 - 100k x 5 resistor network. Common lead type. (DigiKey # Q5104)
1 - UN2111 PNP transistor (Q1 on Logic PCB. Tandy Parts #)
1 - 1 uF 16v capacitor.
1 - 10 MOhm 1/8-1/16W resistor.
Misc.:
Wire wrap wire-30 gauge. (Radio Shack)
Grounded soldering iron with approx. 1/32" tip or smaller.
Desoldering Equipment.
Digital Volt Meter. (Used to double check your VCC and Ground connections, pre-check switching assembly)
Utility knife with fresh sharp small blade. (Needed to cut traces.)
Strong hand held magnifying lens. (Needed to check solder joints.)
+5-10 Volt bench power supply. (Used to check switching assembly.)
Anti-Static work place and grounding wrist band.
Very fine needle nose pliers, wire cutters.

3237. DAMARK Purchase info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-14 12:58:15 UTC
From: RSC@sruvm.sru.edu
Message-ID: <173617017S86.RSC@sruvm.sru.edu>
Source record: 260303

Hi All !

I recently received the latest DAMARK catalog. In it they have a BC 2500XLT/B for $449.99. It is on a page listing "factory serviced".

Should I jump all over this deal or not ?

Thanks for your input. Ron

3238. MIR Shuttle Freq

Newsgroup: rec.radio.scanner
Date: 1995-03-14 13:01:43 UTC
From: jdemaree@dialin.ind.net
Message-ID: <3k443n$q7r@aim.tech.iupui.edu>
Source record: 260304

Can some one tell me the freq that was used by the shuttle to talk to MIR on?
With the launch today, It will most likely happen again.

****
* Jonathan Demaree Internet jdemaree@dialin.ind.net
* (Jack) Demaree MCIMail jdemaree@MCIMail.com
* 1071 S. St. Rd. 129 ---
* Versailles, Indiana Packet WB9OTX@N8GTC.#CIN.IN.USA.NA
* U.S.A. 47042 WB9OTX ZF2GO VP5/wb9otx
* Phone: 812-689-5960 TVRO - Weather Sats - Ham Radio
****

3239. Re: alfanumeric scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-14 13:20:27 UTC
From: tham@husc7.harvard.edu
Message-ID: <3k456r$5s4@decaxp.harvard.edu>
Source record: 260305

harald@vestnett.no (Harald Jacobsen) writes:

>I am looking for an alfanumeric scanner. Is there anyone out there who can
>tell me any good solution and perhaps some prices?

The few alfa-numeric scanner that I know of are
1, Uniden MR-8100, made for public safety work, need PC to program
it, I paid $200.00 used a while back, great scanner but has IMD problem
in city.
2, Uniden BC8500XLT ?? saw it in Scanner World catalog and saids it
will display alfa-numeric but never owned it or seen one.
3, Computer controlled scanners, cost.. very high,
$scanner+$interface+$PC, eg, PRO-2006+OPTO456+386PC

Fu

3240. Re: DAMARK Purchase info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-14 13:47:54 UTC
From: domonkos@access.digex.net
Message-ID: <XqPPliubGoA9079yn@access.digex.net>
Source record: 260306

In article <173617017S86.RSC@sruvm.sru.edu>, RSC@sruvm.sru.edu (Ron) wrote:
> Hi All !
>
> I recently received the latest DAMARK catalog. In it they have
> a BC 2500XLT/B for $449.99. It is on a page listing "factory
> serviced".
>
> Should I jump all over this deal or not ?
>
> Thanks for your input. Ron

No, it's a ripoff. I've seen them new, unused, on clearance for $329. Get
the BC3000 instead. Same features and more, plus improved performance.
They can be found for $369 - $449.

Andy

3241. Re: Where are the FAQ's

Newsgroup: rec.radio.scanner
Date: 1995-03-14 14:06:18 UTC
From: paul_haring@jhuapl.edu
Message-ID: <paul_haring.40.00091B29@jhuapl.edu>
Source record: 260308

In article <D5E7rs.7zx@ranger.daytonoh.attgis.com> Herrob
<Bill.Herron@DaytonOH.attgis.com> writes:
>From: Herrob <Bill.Herron@DaytonOH.attgis.com>
>Subject: Where are the FAQ's
>Date: Mon, 13 Mar 1995 19:07:04 GMT

>Looking for the FAQ's thanks in advance....

The same place that all FAQs are kept:

ftp rtfm.mit.edu:/pub/usenet_by_group/rec.radio.scanner/...

Dig around in there and you'll find 'em, along with a large list of mods for
most scanners.

3242. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-14 14:20:16 UTC
From: folson@prairienet.org
Message-ID: <3k48n0$s26@vixen.cso.uiuc.edu>
Source record: 260309

Hello to all: I just thought I would try and explain to you that there is no such thing a No-Code at least the FCC don't call it that as of right now. The Novive class for years have had CW privileges on the HF band. 80, 40, 15, 10 meters. in the last past 5 to 6 years they have had the privilege of voice on 10 meters 28.300 to 28.500 MHz. Novice also have privilegs on 1.25m and 23cm
---
A technician class is actually split two ways.
1. technician without code can only work 50 MHz and higher. (no low band)
2. technician with code has the HF novice privileges plus all the frequencies above 50 MHz.

You can find all this a more on prairienet.org, and I have been adding files more and more each week. At the prompt just type go ham and that will take you to many different files relating to amateur radio, scanner info, short wave listening, plus more. And I have a list of the states that can and cannot have scanners in their vehicles. (that means any type of a receiver capable of receiving law enforcement type frequencies on DC power.)

Amateur Radio operators are exempt in most states because amateur radio plays a big part in disasters of all sorts.

If you have any questions that I might be able to answer please E-mail me direct because I don't read this area to often.
--
Fran Olson (WB9ULS) email:folson@prairienet.org
P.O. Box 1122
Champaign, Il. 61824-1122
U.S.A.

3243. S.E. Mich. Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-14 14:29:53 UTC
From: wolfman@industry.org
Message-ID: <022431HVMNHYOAPONIKF@industry.org>
Source record: 260321

Im looking for anyone who has freqs. for macomb county area, in
michigan. Im looking for state police, macomb county sherrif, medstar
ambulance..and what ever else you have ta offer..
Please e-mail me anything you can, Thanx

Wolfman@industry.org

--
-> Origin: D&M Services, Inc. - Detroit, MI
-> For more Info, e-mail info@industry.org
-> (810)-783-2100 Customer Support
-> (810)-949-0109 (I)ndustry BBS

3244. Re: base scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-14 14:30:35 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.157.000E82F0@ccm.hf.intel.com>
Source record: 260151

In article <3k2ekl$boi@newsbf02.news.aol.com> rgallim232@aol.com (RGallim232) writes:

>I want to purchase a good base scanner. What would be a good one to buy?

Some suggestions:
AOR AR3000A (about $1000)
ICOM IC7100 (about $1100)
Bearcat BC9000XLT (a little under $400?)

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3245. Re: Indy car freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 15:19:13 UTC
From: scan911@aol.com
Message-ID: <3k4c5h$1c6@newsbf02.news.aol.com>
Source record: 260310

For race team frequencies, call the Frequency Fan Club at (800) RACE FAN.
Tell 'em I sent ya.

```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

3246. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-14 15:34:04 UTC
From: gdallal@world.std.com
Message-ID: <D5FsKs.AIu@world.std.com>
Source record: 260311

Fran Olson (folson@prairienet.org) wrote:

: --
: Hello to all: I just thought I would try and explain to you that
: there is no such thing a No-Code at least the FCC don't call it
: that as of right now.

: A technician class is actually split two ways.
: 1. technician without code can only work 50 MHz and higher.
: (no low band)
Sounds like "no-code" to me.

: 2. technician with code has the HF novice privileges plus all
: the frequencies above 50 MHz.

: Amateur Radio operators are exempt in most states because amateur
: radio plays a big part in disasters of all sorts.

Actually, it's because
Federal law takes precedence over State law. The
states have to be very careful about passing laws that would interfere
with the federally established amateur radio service.

3247. alfanumeric scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-14 15:41:04 UTC
From: harald@vestnett.no
Message-ID: <GaRPlm6-pIh5079yn@vestnett.no>
Source record: 260298

I am looking for an alfanumeric scanner. Is there anyone out there who can tell me any good solution and perhaps some prices?

Harald

3248. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-14 15:49:32 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1403951049320001@m14494-mac.mitre.org>
Source record: 260313

Dick Williamms wrote:

> ...I have been looking at the Radio Shack Pro 43 & 62, but I have been holding
> off thinking that I will get a better deal in a scanner at this
> fest. Does one most generally find good deals at these fests?

No. Dayton is a very large hamfest, probably the largest in the world.
However, prices are always top-dollar. I guess sellers figure that if
buyers came all the way to Dayton, they *really* want to buy. Go, enjoy,
have a good time, but don't expect to find any bargains.

Another thing that has always mystified me about Dayton (aside from the
fact that it almost always rains) is that about every third table is full
of old commercial HTs, at preposterously high prices. I guess some folks
still fool around with those things, but I sure don't get it. I once asked
a friend who had just spent around $600 for a 10 channel commercial HT
(for which he did *not* have a programmer) why he hadn't bought a ham HT,
which would be fully synthasized, with lots of neat features, and cost
about half that much. He said he wanted the commercial unit because
"...you can drive a truck over it and it will still work". I'm sure that's
true, but just how often does that sort of think come up? I've been a ham
for over 30 years, and I've never once felt the need to drive a truck over
my HT :-) Anyway, if you go to Dayton, expect to see tons and tons of old
commercial HTs.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

3249. Test

Newsgroup: rec.radio.scanner
Date: 1995-03-14 15:49:38 UTC
From: michale@pln.com
Message-ID: <19950314.764A528.E5F3@pln.com>
Source record: 260157

Sorry

michale@pln.com /	I use an AMIGA computer..
NorthWest INTERNET /	...is there another kind??)
50 ports *INTERNET* *FIDO* /	INTERNET-pln.com FIDO-1:3406/101

3250. Toronto Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-14 16:21:36 UTC
From: dv@gold.interlog.com
Message-ID: <3k4fqh$ri2@steel.interlog.com>
Source record: 260316

I'm looking for up-to-date frequencies for York Regional Police, MTP, York Fire and North York Fire. They have moved to 800 Mhz and the latest Haruteq is quite old. Direct emails would be appreciated.

3251. Scanner FAQ ?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 16:28:55 UTC
From: wilkinso@cambridge.scr.slb.com
Message-ID: <3k4g8t$3o9@sndsu1.sedalia.sinet.slb.com>
Source record: 260315

Hi there.

I'd just quickly like to ask the collective intelligence here if there is a FAQ on scanners anywhere (FTP site etc...) and if so, where I might get hold of it. Also, for anyone in the UK, any information about interesting frequencies nationally or within the Cambridge area would be greatly appreciated.

Cheers.

Si.

3252. Re: DAMARK Purchase info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-14 16:30:28 UTC
From: jeffpmil@aol.com
Message-ID: <3k4gb4$23v@newsbf02.news.aol.com>
Source record: 260317

Please describe the 2500 for me as I am unfamiliar with this model.

Thanks in advance

Public/private ok.

Be seeing you,
Number 6

3253. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-14 16:38:56 UTC
From: peter@Thoth.st.3Com.com
Message-ID: <3541@bridge2.NSD.3Com.COM>
Source record: 260319

In article 48s@newsbf02.news.aol.com, wn8tdan@aol.com (WN8T Dan) writes:
>MRE (Mobile Repeater Extender). Most Troopers use UHF to talk to their
>cars, which act as a mini repeater to send the signal via VHF or HF
>(Longer distance than UHF) to the HQ that might be many miles away.
>
>Since the UHF is only line of sight, the trucker can be assured that the
>trooper is near. You could also monitor these UHF frequencies with any
>regular scanner and don't need the bear tracker light.
>
Fine in theory, except not true in Massachusetts, and the troopers
have heard about the "bear tracker" and turn off their MREs (meals, ready
to eat?) when not using them.

So, yes, the Uniden "pre-tuned for all 50 states" bear-tracker has been
pretty much discredited as various states have changed frequencies, and
disabled in-car relay systems. They have also been showing up discounted
in Damart and DAK catalogs, a sure sign of a loser product :-)

--

Peter Simpson, KA1AXY Linux! Peter_Simpson@3mail.3com.com
3Com Corporation The free Unix (508) 836-1719 voice
Northborough, MA 01532 for the 386 (508) 393-6934 fax

3254. AR8000 FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-14 17:03:37 UTC
From: lflaxman@intellinet.com
Message-ID: <3k4i99$mir@hermes.sibylline.com>
Source record: 260164

For Sale/Trade

Have for sale/trade the following scanner
package. Would like to sell outright for
BEST reasonable offer, or trade for
decent scanner equipment (ie looking for
an Opto Scout + decent handheld scanner)

Unblocked (European Model) AOR AR8000
handheld receiver w/box, manuals, antenna, chargers, etc.

+ Edco Computer Interface
+ ScanStar Commercial Software

Please mail lflaxman@intellinet.com

3255. Fedral Frequencies List (FBI,DEA,etc.)

Newsgroup: rec.radio.scanner
Date: 1995-03-14 17:34:47 UTC
From: RHASKE41@MAINE.MAINE.EDU
Message-ID: <95073.123447RHASKE41@MAINE.MAINE.EDU>
Source record: 260127

A week or so ago, I posted a request here asking for some commonly used
federal frequencies, trying to narrow down a list I had that included
several different ones for the FBI, DEA, BATF, and others. Well, no one
could help me narrow it down, but I did get several requests for the
list that I had. So, for those of you out there who would like it,
here it is.

-Ryan
RHASKE41@maine.maine.edu

DESCRIPTION FREQUENCY OR FREQUENCIES
=========== ========================

DEA FREQUENCIES CH.1 OPERATIONS RPT. 418.625/416.050 MHZ.
CH.2 OPERATIONS RPT. 418.90/416.325 MHZ.
CH.3 SURVEILLANCE/STRIKE FORCE 418.750 MHZ.
CH.4 SURVEILLANCE/STRIKE FORCE 418.675 MHZ.
CH.5 OPERATIONS RPT. 418.825/415.60 MHZ.
CH.6 OPERATIONS RPT. 418.95/416.20 MHZ.
CH.7 OPERATIONS RPT. 418.975/417.025 MHZ.
CH.8 OPERATIONS SIMPLEX 418.975 MHZ.

UNITED STATES MARSHALLS CH.1 OPERATIONS RPT. 163.20/163.8125 MHZ.
CH.2 OPERATIONS SIM. 163.20 MHZ.
CH.3 OPER.RPTS.EXTENDERS 164.60/163.8125 MHZ.
CH.4 OPER.SIMPLEX 164.60 MHZ.
CH.? AIR/MOBILES 163.8125 MHZ.
CH.? OPER.REPORTED 162.7125/170.80 MHZ.

BUREAU OF PRISONS CH.1 170.875 MHZ.
CH.2 170.925 MHZ.
CH.3 170.650 MHZ.

INTERNAL REVENUE SERVICE CH.1 CID OPER.RPT. 165.950/167.00 MHZ.
"IRS" CH.2 CID OPER.DIRECT 167.000 MHZ.
CH.3 CID OPER.DIRECT 165.950 MHZ.
USDT COMMON 166.4625 MHZ.
CH.1 IRS.INVESTIGATIONS 166.00/167.10 MHZ.
CH.2 IRS.INVESTIGATIONS 166.00 MHZ.
? USDT COMMON FREQ. 165.4625/166.5875
CH.1 CID OPER.(UHF) 418.225/414.700 MHZ.
CH.2 CID OPER.DIR 418.225 MHZ.
CH.3 CID TACTICAL 418.175 MHZ.

FED.COMMUNICATON COMM. 167.05 MHZ.

BUREAU OF ALCOHOL , TOBACCO CH.1,3 OPERATIONS 165.2875/166.5375 MHZ.
AND FIREARMS "BATF" CH.4 USDT COMMON 166.4625 MHZ.
CH.5 OPERATIONS 165.9125 MHZ.
USDT COMMON 165.4625/166.5875 MHZ.
LOCAL OFFICES 165.35 MHZ.
USDT COMMON 166.4625 MHZ.
CH.2 TACTICAL 166.5375 MHZ.

U.S. CUSTOMS CH.1,2 OPERATIONS 165.2375/166.4375 MHZ.
CH.3 USDT COMMON 166.4625 MHZ.
CH.4 TACTICAL 165.7375 MHZ.
CH.5 USDT COMMON 165.4625/166.5875 MHZ.
OPERATIONS 162.825 MHZ.
TACTICAL CAR-CAR 165.85 MHZ.

LOW POWER FEDERAL FREQS. UNDER 30 WATTS 163.10 , 418.050 , 418.575 MHZ.
SOME USES ARE : EAR MICS , 5 WATTS 27.575 , 27.585 MHZ.
SECRET COMM. , SOME SURV. 166.75 , 166.875 MHZ.

SECRET SERVICE NATIONWIDE RPT. 165.375 MHZ.
BAKER 165.7875 MHZ.

FEDERAL EMERGENCY AGENCY DC AREA 16.95 MHZ.

FEDERAL PROTECTION AGENCY 415.20 , 417.20 MHZ.

FEDERAL DISASTER NETWORK 170.20 MHZ.

FEDERAL GOVT. SHARED 408.40 MHZ.
418.075 MHZ.
165.85 MHZ. TACTICAL

FEDERAL BUREAU OF INVESTIGATONS 163.425/163.925 MHZ.
"FBI" RPT. 163.725/163.775 MHZ.
RPT. 163.80/164.55 MHZ.
RPT. 162.6375/162.7875 MHZ.
RPT. 163.9375 MHZ.
F5 RPT. 163.9125 MHZ.
F1 RPT. 167.3125 MHZ.
F2 SIM. 167.45 MHZ.
F3 167.6125 MHZ.

ALSO SEARCH THROUGH THESE FREQUENCIES

164.00 - 164.55 MHZ.
167.2375 - 167.80 MHZ.

U.S. DEPT. OF LABOR WV. 168.35 MHZ.
OHIO 173.6125 , 406.20 MHZ.
KY. 164.70 MHZ.
ALL PORTABLES 406.20 MHZ.
NOTE I HAVE A COMPLET STATE LISTING , IF
NEEDED

TO FIND HIDDEN FREQUENCIES
USED BY OUR FEDERAL GOVT.
SEARCH THRU THESE AREAS 162.685 - 162.98 MHZ. 163.20 - 163.99 MHZ.
165.21 - 165.95 MHZ. 166.40 - 166.75 MHZ.
167.05 - 167.80 MHZ. 168.80 - 168.95 MHZ.
170.70 - 170.925 MHZ. 171.15 - 172.00 MHZ.
411.00 - 411.93 MHZ. 413.675 - 413.975 MHZ.
414.00 - 414.575 MHZ. 416.05 - 416.775 MHZ.
417.02 - 417.275 MHZ. 418.05 - 418.98 MHZ.

3256. Re: AOR 8000

Newsgroup: rec.radio.scanner
Date: 1995-03-14 17:42:25 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar14.174225.2560@news.csuohio.edu>
Source record: 260323

stavros@agora.rdrop.com (Steve Culliton) writes:
: Is it true that when you set the delay on the AR8000, that it puts a delay
: on all the channels, and that you can't set a delay on just one channel?
:
: TTFN
:
: -Steven
:

This is true. You can however, change the delay time between 0 and
9 seconds, independently for both scan and search modes. I would
have liked to seen individual channel delay, but so far I have not
found it a problem is delay is set to all channels. I have set
mine to 1.5 seconds (default is 2.0)

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

3257. Re: alfanumeric scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-14 17:49:59 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar14.174959.3143@news.csuohio.edu>
Source record: 260130

harald@vestnett.no (Harald Jacobsen) writes:
:
: I am looking for an alfanumeric scanner. Is there anyone out there who can
: tell me any good solution and perhaps some prices?
:
: Harald
:

A good alphanumeric scanner is available from AOR, called the
AR8000, a handheld. 1000 channels, 100kHz to 1950MHz, all mode.
About $640 US.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

3258. Re: Sangean ATS-803A for sale

Newsgroup: rec.radio.scanner
Date: 1995-03-14 17:54:33 UTC
From: horak@convex.com
Message-ID: <3k4l8p$d3v@eugene.convex.com>
Source record: 260322

In <60.15830.5773.0N1D5265@canrem.com> chris.smart@canrem.com (Chris Smart) writes:

>Hi. I have a Sangean ATS-803A general coverage receiver for sale. Its
>the same as the Realistic DX-440.

>I'm going to leave the asking price wide open on this radio.
>I paid $275.00 a few years ago for it, but have no idea what
>they're going for used these days.

They've been selling for $189 or $199 brand new for a few years.

David

3259. Re: 800/900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-14 17:58:04 UTC
From: horak@convex.com
Message-ID: <3k4lfc$dbe@eugene.convex.com>
Source record: 260324

In <9503131603.AA22089@theopolis> ken_a_ailsworth@ccmail.orl.mmc.com (kenneth a. ailsworth) writes:

>Has anyone had any luck with the new 900MHz cordless phones? A friend of mine >;) has been searching the 900 frequencies kindly posted here earlier, but has >not recieved a peep. Search domain = 901 - 904MHz.

902-905 would be better. All of them are somewhere between 902 and 928.

>While I'm on the subject - what are the 800MHz cordless frequencies?

There aren't any. Do you mean cellular?

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3260. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-14 18:00:56 UTC
From: horak@convex.com
Message-ID: <3k4lko$dkk@eugene.convex.com>
Source record: 260125

In <cd70613@pro-amber.cts.com> rsopicki@pro-amber.cts.com (Randy Sopicki) writes:

> Or, get a cordless that "scrambles" the transmission. I bought a Cobra that
>makes any conversation pure garbage to a listener.

Pure garbage to the "casual" listener. Don't mistakenly think it is secure.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3261. Re: Need 900Mhz cordless phone frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-14 18:05:55 UTC
From: horak@convex.com
Message-ID: <3k4lu3$e6u@eugene.convex.com>
Source record: 260126

In <3k361q$i0f@newsflash.concordia.ca> semana@cs.concordia.ca (Marlboro Lights) writes:

>Anyone have the exact frequencies for the cordless phones that operate
>in the 900 Mhz range ?

OK, this is a list Michael posted some time ago.....

From rec.radio.scanner Fri May 6 09:50:48 1994
From: schuster@panix.com (Michael Schuster)
Date: 5 May 1994 20:38:07 -0400
Newsgroups: rec.radio.scanner
Subject: Re: 900MHZCORDLESSPHONEFREQS.

---

900 MHZ CORDLESS TELEPHONE FREQUENCIES - - 902 - 928 MHZ NFM

---

902 - 928 900 MHZ CORDLESS TELEPHONES (30-100 KHZ SPACING)

Panasonic KX-T9000 (60 Channels)

base 902.100 - 903.870 Base frequencies (30Khz spacing)
handset 926.100 - 927.870 Handset frequencies

CH	BASE	HANDSET	CH	BASE	HANDSET	CH	BASE	HANDSET
01	902.100	926.100	11	902.400	926.400	21	902.700	926.700
02	902.130	926.130	12	902.430	926.430	22	902.730	926.730
03	902.160	926.160	13	902.460	926.460	23	902.760	926.760
04	902.190	926.190	14	902.490	926.490	24	902.790	926.790
05	902.220	926.220	15	902.520	926.520	25	902.820	926.820
06	902.250	926.250	16	902.550	926.550	26	902.850	926.850
07	902.280	926.280	17	902.580	926.580	27	902.880	926.880
08	902.310	926.310	18	902.610	926.610	28	902.910	926.910
09	902.340	926.340	19	902.640	926.640	29	902.940	926.940
10	902.370	926.370	20	902.670	926.670	30	902.970	926.970

CH	BASE	HANDSET	CH	BASE	HANDSET	CH	BASE	HANDSET
31	903.000	927.000	41	903.300	927.300	51	903.600	927.600
32	903.030	927.030	42	903.330	927.330	52	903.630	927.630
33	903.060	927.060	43	903.360	927.360	53	903.660	927.660
34	903.090	927.090	44	903.390	927.390	54	903.690	927.690
35	903.120	927.120	45	903.420	927.420	55	903.720	927.720
36	903.150	927.150	46	903.450	927.450	56	903.750	927.750
37	903.180	927.180	47	903.480	927.480	57	903.780	927.780
38	903.210	927.210	48	903.510	927.510	58	903.810	927.810

39 903.240 927.240 49 903.540 927.540 59 903.840 927.840
40 903.270 927.270 50 903.570 927.570 60 903.870 927.870

V-TECH TROPEZ DX900 (20 CHANNELS)

905.6 - 907.5 TRANSPONDER (BASE) FREQUENCIES (100 KHZ SPACING)
925.5 - 927.4 HANDSET FREQUENCIES

CH	BASE	HANDSET	CH	BASE	HANDSET	CH	BASE	HANDSET
01	905.600	925.500	08	906.300	926.200	15	907.000	926.900
02	905.700	925.600	09	906.400	926.300	16	907.100	927.000
03	905.800	925.700	10	906.500	926.400	17	907.200	927.100
04	905.900	925.800	11	906.600	926.500	18	907.300	927.200
05	906.000	925.900	12	906.700	926.600	19	907.400	927.300
06	906.100	926.000	13	906.800	926.700	20	907.500	927.400
07	906.200	926.100	14	906.900	926.800			

OTHER 900 MHZ CORDLESS PHONES

AT&T #9120 - - - - - 902.0 - 905.0 & 925.0 - 928.0 MHZ
OTRON CORP. #CP-1000 902.1 - 903.9 & 926.1 - 927.9 MHZ
SAMSUNG #SP-R912- - - 903.0 & 927.0 MHZ

==========

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3262. Base vs Mobile

Newsgroup: rec.radio.scanner
Date: 1995-03-14 18:08:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <93e_9503142259@chigate.fidonet.org>
Source record: 260178

-=> Quoting T Reynolds to All <=-

TR> After scanning the traffic on this newsgroup it's clear that most
TR> people have mobile scanners, why ? Most seem to scan the same stuff I
TR> do police EMS etc... I understand some people carry their units with
TR> them to races and events. Does a mobil unit have a advantage over a
TR> base that I don't know about ?

TR> I have a model 2030 RS base, it seems like a good scanner for the
TR> price 150.00. I don't ever here the 2030 mentioned here :-(

Hi, Tim...I never noticed that more people had more portables than base scanners until you mentioned it. I use my portable more than the base because I am out and about quite a bit. I believe most people start out with a handheld unit and then get a base second.

A handheld, in general, isn't any more better or worse in performance than a base. The circuitry is pretty much the same. Obviously, with a base, you may get more bells and whistles, the ability to use house power instead of the batteries on a handheld, better reading of the display and the ability to connect to an outside antenna to bring in the signals.

While the 2030 isn't the top of the line, it is good for someone getting started into the hobby. I tried one out a couple of years ago before giving it away as a gift. Nice little unit. And, because it is powered with a wall adapter, you can leave the adapter at home and bring it with you in the car. (BE CAREFUL OF POLARITY).

Jerry

___ Blue Wave/QWK v2.12

3263. RE: Listeneing to shuttle

Newsgroup: rec.radio.scanner
Date: 1995-03-14 18:10:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <93f_9503142259@chigate.fidonet.org>
Source record: 260179

-=> Quoting RdunnRE: Listeneing to shuttleallie.wellesley.ed to All <=-

Rd> Anyone know where to tune for the Shuttle in the Boston area

I don't...but you might be able to find an amatuer radio repeater in the
area that simulcasts such broadcasts. Check between 144 and 148 Mhz and
440 to 450 Mhz.

Jerry

___ Blue Wave/QWK v2.12

3264. Pro 43 need info

Newsgroup: rec.radio.scanner
Date: 1995-03-14 18:12:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <940_9503142259@chigate.fidonet.org>
Source record: 260180

-=> Quoting Stavros@agora.rdrop.com to All <=-

St> Is there a mod for the Pro 43 to enable the cb freqs on it, or should
St> I just get a different scanner?

Hi, Steven...get a different scanner. Uniden seems to be pretty good at
incorporating the CB band in their units. There is no way to enable this
band on the '43.

Jerry

___ Blue Wave/QWK v2.12

3265. Test Mode or Mods for PRO

Newsgroup: rec.radio.scanner
Date: 1995-03-14 18:15:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <941_9503142259@chigate.fidonet.org>
Source record: 260181

-=> Quoting Chrismck@hookup.net to All <=-

Ch> The 2-9-1/o trick is quite cute. Does anyone by chance
Ch> know of any mods/tricks for the PRO-34?

Ch> Bought it down in North Carolina 4'90.

Hi, Chris...I used to have the '34. Nice little unit if you could stand cellular in the 800 Mhz public service band. There were never any tricks that you could do on this unit. There is a mod for continuous 800 Mhz coverage.

Product: Realistic PRO-34
Purpose: Restore continuous 800 Mhz coverage

** Disclaimer...Doing this procedure is done at your own risk. This procedure is fairly complicated and should not be attempted by anyone unfamiliar with soldering small circuit boards. **

** Warning...Performing this modification restores certain portions of the 800 Mhz band that is prohibited by U.S. federal law to monitor. **

The following procedure is from the December, 1988 issue of Monitoring Times, page 89.

1. Remove the battery cover and battery, four black screws from the rear cover, and volume and squelch knobs.

2. Remove the rear cover, lifting back and upwards to clear the control shafts (do not remove belt clip or circuit board screws.)

3. Unplug the brown volume control connector (green, yellow, black cable) and white squelch cable connector (white, black, red cable) from the linear circuit board.

4. Unsolder the ground lead from T111 (at the corner of the linear circuit board above the external power connectors). (My note- my particular unit didn't have this connection. This may be true of other units.) Unsolder the two power switch leads from the back of the volume control. Unsolder the antenna connector center pin and ground leads from the linear circuit board.

5. Unscre the four combination screws that hold the linear circuit board and held the rear cover screws. Grasp the linear circuit board at the top and lift it straight away from the front case, unplugging the 16 pin connector.

6. Remove the three screws holding the metal frame assembly which held the linear circuit board to the front panel. Unplug the red-black power lead and lay the frame aside (it is still connected to the battery contacts).

7. Locate diodes D9-D12 on the volume control side of the logic circuit board under T1; D10 and D11 are marked. Clip one lead of D11, separating the gap slightly (it may be resoldered later if desired).

8. Re-assemble the board by reversing the disassembly procedure.

For information...D9 enables 66-88 Mhz, though re-alignment is required and 30-54 Mhz band is lost. D10 enables 896.1125-960 Mhz and is already installed. D12 disables 136-146 Mhz. I found on my unit, which was older, D12 changed the stepping of 12.5 Khz on certain portions of the band where 30 khz would be the default.

Jerry

___ Blue Wave/QWK v2.12

3266. PRO-2026 Tricks?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 18:34:01 UTC
From: rrustin@robins.af.mil
Message-ID: <3k4nip$kjh@wrdis02.robins.af.mil>
Source record: 260131

I just picked up a PRO-2026 this weekend. (9A2 date code) It seems like a pretty neat scanner. Does anyone have a cell mod or any other useful "tricks" for this one?

Thanks,
Randy

3267. Stanford (Palo Alto) Police Channel 4

Newsgroup: rec.radio.scanner
Date: 1995-03-14 19:14:20 UTC
From: mmm@leland.Stanford.EDU
Message-ID: <3k4puc$3cs@elaine51.Stanford.EDU>
Source record: 260139

Just recently, the Stanford Police have been switching to Channel 4 to discuss things. They used to use Channel 3 (483.3375) for this.

Does anyone know what the frequency for this new channel is?

Channel 1 is 482.6125.
Channel 2 is 482.8125.

I have tried the other Stanford affiliated frequencies in the 480 MHz range and found nothing.

mike murray
mmm@leland.stanford.edu

3268. BC590xlt mod

Newsgroup: rec.radio.scanner
Date: 1995-03-14 19:29:58 UTC
From: Vincent.Patterson@commctr.com
Message-ID: <d9b_9503141941@commctr.com>
Source record: 260189

Does any know if a bear cat 590 xlt is modifable. and if it is how much
it might cost?
--

3269. Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-14 19:35:30 UTC
From: Bishwa Shrestha <bishwa@rodeo.uwyo.edu>
Message-ID: <Pine.ULT.3.91.950314122904.23946D-100000@rodeo.uwyo.edu>
Source record: 260136

I have been listening to air com. especially from Denver Airport
in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
However, I am only able to receive one side of conversation, usually the
pilot. I use PRO-39 with its built in antenna. Do I need to use the
outdoor antenna to receive both side of conversation?
My location is around 200 miles(?) north of Denver, in Laramie,
Wyoming. Any response would be appreciated. BTW, we can also exchange
some of the frequencies. I know this news-group has some wonderful
people. Please post or send the private mail.

Bishwa Shrestha, KC7JFV

3270. Re: Ham freq's

Newsgroup: rec.radio.scanner
Date: 1995-03-14 19:43:19 UTC
From: scurrie@vnet.ibm.com
Message-ID: <3k4rkn$due@innsrv.sce.com>
Source record: 260132

In <D4uKy9.8Mp@freenet.buffalo.edu>, bg824@freenet.buffalo.edu (Donald R. Barker) writes:
>you should be able to receive the amateur bands
>6 and 2 meters plus 70 and 33 centimeters.
>6 meter = (50 to 54 MHz)
>2 meters = (144 to 148 MHz)
>70 centimeters = 420 to 450 MHz)
>33 centimeters = (902 to 928 MHz)
>
>The 2 meter band is the most active in my area
>you may get different results in your area.
>
>Happy Listening!
>
Don't stop there.......

23 centimeters - 1240 to 1300 MHz

And there are lots more above 23 cm, but I don't know of any scanners that
go higher!!

Regards,
Scott Currie N6ECN

```
_
___ __ _ _ _ _ _ _(_) ___
(_-</ _| || | '_| '_| |/ -_)
/__/\__\__,_|_| |_| |_|\___|
_________________________________
| |
| Scott D. Currie N6ECN |
| VNET: SCURRIE at LSAVMIC1 |
| INTERNET: SCURRIE@VNET.IBM.COM |
|_________________________________|
```

3271. Re: DAMARK Purchase info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-14 20:06:45 UTC
From: RSC@sruvm.sru.edu
Message-ID: <17361D497S86.RSC@sruvm.sru.edu>
Source record: 260138

In article <3k4gb4$23v@newsbf02.news.aol.com>
jeffpmil@aol.com (JeffPMil) writes:

>Please describe the 2500 for me as I am unfamiliar with this model.
>
>Thanks in advance
>
>Public/private ok.
>
>
>Be seeing you,
>Number 6

Uniden BC2500XLT/B
400 channel cont. band
"virtually every frequency from 25MHz to 1.3 GHz including 800 & 900 MHz"
fully programmable
10 priority channels
Turbo Scan
automatic store & sort
channel lockout
LCD display
weather search
rechargable ni-cads & AC adapter inc.
$449.99 + $7.50 SH

3272. How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-14 20:07:04 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3k4t18$qms@ecom2.ecn.bgu.edu>
Source record: 260134

Is police radar based on dopplar shift,
or on a reflected signal time interval?
Dopplar shift seems theoritically possible, but I don't know how
the equipment could be sensitive enough.
I am guessing the method is based on a reflected signal,
but I haven't read anything on the subject.

Any ideas/comments/info?
Thanks,
Dave
mudaw@ecom.ecn.bgu.edu
.

3273. Re: PRO-2026 Tricks?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 20:09:05 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3k4t51$qrd@ecom2.ecn.bgu.edu>
Source record: 260135

rrustin@robins.af.mil (Randy Rustin) writes:

>I just picked up a PRO-2026 this weekend. (9A2 date code) It seems
>like a pretty neat scanner. Does anyone have a cell mod or any other
>useful "tricks" for this one?

I just bought one a few weeks ago, new from the store, and it can't
be modified. It has one of the 'new' chips which don't allow being
modified.

-==-
Dave

3274. Re: Cellular Theory

Newsgroup: rec.radio.scanner
Date: 1995-03-14 20:15:19 UTC
From: delsesto@cig.mot.com
Message-ID: <DELSESTO.95Mar14141519@tabby.cig.mot.com>
Source record: 260140

In article <3jvj23$24j@hobbes.compusult.nf.ca> stephenl@public.compusult.nf.ca writes:

I am very intrested in this topic and I hope that someone can suggest books, etc... which give a good
insight into this area. Please include the addresses/phone numbers of the suppliers if possible.
thank you very much.

Check out _The_Cellular_Radio_Handbook_ by Neil J Boucher.

Mark
--

3275. Re: Pro-51 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1995-03-14 20:29:53 UTC
From: troy@sequent.com
Message-ID: <1995Mar14.202953.1472@sequent.com>
Source record: 260137

In article <3iufu5$fgi@blackice.winternet.com>,
>The test codes still work. But the 7A4's will have on channel 23 888mhz
>programmed in. This you normally can't get on the Pro-51.
>And not only does it need to be 7A4 or earlier but it must not have an
>orange dot on the box. Many RS's have 7A4's but with orange dot's.

My PRO-51 was the last one left at the local Shack from the sale in early Feb.
It had an orange dot on the box but no date code sticker. So I quickly did the
mod and guess what, the cell freq loaded in chan 23.

Troy Wecker
troy@sequent.com

3276. Oakland Co. Mich.

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:24:30 UTC
From: JGSmith@detroit.freenet.org
Message-ID: <3k51ie$ero@detroit.freenet.org>
Source record: 260141

I'd love to get a list of good frequencies for the Oakland County Michigan area. (I live in Rochester Hills).

Thanks!

--

3277. Re: BC200LXT Memory Erase Key Sequence?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:26:42 UTC
From: kcb@post.its.mcw.edu
Message-ID: <3k51mi$c0g@post.its.mcw.edu>
Source record: 260142

Michael Cole (Michael_Cole@hp6650.desk.hp.com) wrote:
: Does anyone have the memory reset key sequence for the Bearcat 200LXT?

I don't know how to totally wipe out all of the memory, escept for individually deleting the freqs as you go. Otherwise, remove the battery and leave it disconnected for 3 days. :-)

> In addition, does anyone know of a way to instantly remove all channel
>lockouts at once for this same radio? I've seen reference to
>this undocumented feature on other scanners and
>was wondering if it also would work for the Bearcat. Thanks for any
>info. you can provide!

this *IS* documented in the book that comes with the scanner:

press and *HOLD* the L/O (lockout) button until you hear the
TWO-BEEP confirmation. (just like the keyboard lock button works).

Important note: this only erases the lockout on all of the *SELECTED*
channel banks.

Thus, to wipe out all lockouts, go into scan mode, enable ALL banks,
then hit lockout, and hold it until you hear two beeps.

-kent

--

Kent C. Brodie - Sr. Systems/Network Manager brodie@post.its.mcw.edu
Information Technology Systems
Medical College of Wisconsin (414) 456-5080

3278. Need freqs for DC

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:26:51 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3k51mr$7br@mailer.fsu.edu>
Source record: 260143

As the subject says, I really need a good list of freq's for DC. I would also like some ideas of which channels are active and which would be worth my time to monitor. I have Police Call and Beyond Police Call, so I am mainly looking for interesting channels which might not be in book.

Thanks,

---------------==
------------========== | naus@cs.fsu.edu
----------=========== James | naus@freenet.fsu.edu
----------=========== |-----------------------------------
----------=========== Naus | Florida State University
------------========== | Tallahassee, Florida USA
---------------==

3279. Programming cable for cell phone

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:32:24 UTC
From: Bruce Sutherland <76050.1131@CompuServe.COM>
Message-ID: <3k5218iif2@mhadf.production.compuserve.com>
Source record: 260144
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone tell where I can get a programming cable for a Motorola 550
"flip phone" ???

3280. RE: KILLING BIRDIES

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:39:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5736F.059E0001CB.uuout@iotp.com>
Source record: 260145

On 14 Mar 95 06:05am, DAVE STUART (DSTUART@UMR wrote to ALL:
DS> I have a birdie on my pro-51 that is sitting right on a freq I want to
DS> listen to very often. How could I kill it without destroying reception?

If it's actually a birdie (a signal generated by the receiver itself), you can't, unless you are very lucky, and know where the signal is actually coming from, and can re-design the unit to eliminate the signal. Sometimes this is as simple as moving a wire. Most often it's not (if it were, the manufacturer would have done it).
If the signal is present no matter what you do (remove the antenna, turn squelch all the way up, drive 100 miles away), then it's a true birdie. It may be, however, another transmission mixing with your IF (image). In that case, a different antenna may help.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... It's an ancient Klingon ritual for courage. Trust me.
* Silver Xpress V4.00 SW12853

3281. RE: SW TO SCANNER????

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:39:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5736F.059E0001C9.uuout@iotp.com>
Source record: 260146

On 13 Mar 95 10:42pm, BIGBOY wrote to ALL:

B> I see it is possible to convert a certain spectrum on a scanner to
B> shortwave freqs,by using a converter,now my question is can a converter
B> be made to hear scanner freqs (lets say 30-1300 mhz,in that area
B> anywhere)on a shortwave radio?

I am unaware of such a converter. Could you please tell me where you saw
one?
Thanks.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... File Not Found: Guess You F***ed Up Big-Time, Eh Ace????
* Silver Xpress V4.00 SW12853

3282. RE: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:39:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5736F.059E0001CA.uuout@iotp.com>
Source record: 260147

On 14 Mar 95 02:20pm, FRAN OLSON wrote to ALL:

FO> And I have a list of the states that can and cannot have scanners
FO> in their vehicles. (that means any type of a receiver capable
FO> of receiving law enforcement type frequencies on DC power.)
FO>
FO> Amateur Radio operators are exempt in most states because amateur
FO> radio plays a big part in disasters of all sorts.

Almost, but no cigar...
Ham operators are exempt in ALL states from bans on having HAM equipment
that's capable of receiving law enforcement frequencies, because it's
federal law (recently strongly interpreted that way by the FCC).
This does not address scanners in any way; states & localities can still ban
their use in vehicles.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... "How does a Warp engine work?" "You say Engage."
* Silver Xpress V4.00 SW12853

3283. RE: USING OF CORDLESS PHO

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:39:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5736F.059E0001C8.uuout@iotp.com>
Source record: 260148

On 13 Mar 95 06:54am, WUN-CHUN CHAU wrote to ALL:

WC> I heard that scanner can pick up any nearby cordless phone's
WC> transmition, is that true? How can it be done? How to prevent it?

It's true. The frequencies that will get both sides of the conversation are:
46.60 46.63 46.67 46.71 46.73
46.77 46.83 46.87 46.93 46.97

How to prevent it is simple: don't use a cordless phone! ;-)
Or, buy one that advertises a digital encryption scheme.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... My dragon's people will be in touch with your dragon's people, Knight
* Silver Xpress V4.00 SW12853

3284. RE: PRO 43 NEED INFO

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:39:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5736F.059E0001C7.uuout@iotp.com>
Source record: 260149

On 13 Mar 95 05:43am, ROBERT BARKER wrote to ALL:

RB> No mod to restore CB range onto the pro 43..

RB> I have never understood that.

Because you can't restore something that wasn't there in the first place.
CB is below 30 MHz, and the PRO-43 starts at 30 MHz.

Bill Funk AKA Mr. Scanner (on my block, anyway!)
Internet: bill.funk@iotp.com

... C:\DOS\SYSTEM\UTILITIES\DOCS\HELP\WHERE\THE\F()@%\AM_I
* Silver Xpress V4.00 SW12853

3285. BCT-7 thoughts

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:41:58 UTC
From: helme@pinhead.genmagic.com
Message-ID: <HELME.95Mar14134158@pinhead.genmagic.com>
Source record: 260150

here's a short blurb on what I think of the BCT-7 scanner from Uniden after having one for a while. someone I replied to recommended I post it.

the good stuff:
- the audio is great and plenty loud for mobile use
- bright, clear backlit display
- everything is preprogrammed and there are 100 additional frequencies you can program yourself
- it has CB frequencies for listening, which I find amusing on occasion to listen to. can be good for road info.
- weather scan
- air search
- decent squelch
- lockouts in searchs & scans (up to 100 channels)
- fast scanning
- nice size
- highway patrol extender warning can be muted

the bad stuff:
- annoying, non defeatable start up beeps (ala radar detectors)
- searching is limited to huge ranges, you can't redefine them at all. a pain.
- you can only program your private frequencies by walking through those ranges. ack.
- no numeric keypad!
- intermod problems (I think it's only a double conversion unit)
- can't defeat the priority hwy patrol scan so there are pauses when listening to police/DOT (well, you *can* defeat it by locking out the priority channels)
- the way the 100 private frequenices are handled is weird. they are portioned out among the scan bands (hwy. patrol, fire, news, police, DOT, private etc.). this means if you have a favorite ham channel you like to monitor, you have to waste like 4 memories becuase you have to program it into each private memory area of each scan bank! stupid! I don't understand this.
- Before I bought it, I thought you could "add-in" different scan banks to the mix and eventually scan all different band plans (including your private frequencies). nope, can't do that. you can only scan one of these at a time:
highway patrol + its private channels
highway patrol/police + their private channels
highway patrol/DOT + their private channels
fire + its private channels
news + its private channels
weather
private channels NOT assoicated with the ones above. again, silly IMHO.
- weenie antenna
- upgradeable for state frequency changes???? unknown.

even with all the quirks I decided to keep mine since it is useful for a mobile unit and is a product headed in the right direction. I think the feature set was desgined by one of the leading scanner frequency books staff, I don't remember who.

When you think that its INTENDED for truckers who don't want to fuss a lot, the design makes more sense. it's a huge hit in that market too. Apparently becoming more recommended then a radar detector.

With this and the 9000XLT, Uniden is slowly getting it's act together.

--

_____
| | General Magic, Inc.
pete helme | pete@genmagic.com | 420 North Mary Avenue
| | Sunnyvale, CA 94086

3286. Re: Scanner World

Newsgroup: rec.radio.scanner
Date: 1995-03-14 21:55:18 UTC
From: Pat.Stockton@ccmail.gsfc.nasa.gov
Message-ID: <3k53c6$8d0@post.gsfc.nasa.gov>
Source record: 260152

In article <3jvf0i$5i@usenet.INS.CWRU.Edu>, el124@cleveland.Freenet.Edu (Mike Wilson) says:
>
>
> Would someone mind posting Scanner World's phone number? I'm
>interested in finding out how much they are charging for the BC 9000xlt.
>Thanks!
>
>--

518-436-9606..... I looked but did not see it in the catalog.
>Mike Wilson CFI-ASEL
> Spirit of St. Louis, MO
>Email: Internet--wilson@sluvca.slu.edu ----------
> Compuserve--75163,45

3287. Re: Bearcat 9000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-14 22:28:56 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3k55b8das1@mhadg.production.compuserve.com>
Source record: 260153

Oops, I meant that any 250 memories may have alpha tags in the 9000XLT, UNLIKE the 8500XLT.

3288. Re: Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-14 22:44:37 UTC
From: kjk00@mondrian.CSUFresno.EDU
Message-ID: <D5GCID.MxA@zimmer.CSUFresno.EDU>
Source record: 260156

In article <Pine.ULT.3.91.950314122904.23946D-100000@rodeo.uwyo.edu>,
Bishwa Shrestha <bishwa@rodeo.uwyo.edu> wrote:
> I have been listening to air com. especially from Denver Airport
>in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
>However, I am only able to receive one side of conversation, usually the
>pilot. I use PRO-39 with its built in antenna. Do I need to use the
>outdoor antenna to receive both side of conversation?
> My location is around 200 miles(?) north of Denver, in Laramie,
>Wyoming. Any response would be appreciated. BTW, we can also exchange
>some of the frequencies. I know this news-group has some wonderful
>people. Please post or send the private mail.
>
>Bishwa Shrestha, KC7JFV

Knowing Denver airport, thier Tower probably doesn't work.

Ken Koller
Reporter/Photographer - The Daily Collegian
California State University, Fresno
"Actually, I am a lab mouse on stilts"

kjk00@mondrian.csufresno.edu

3289. Pro-51 - Any "beep" mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-14 23:03:05 UTC
From: Bob Cotter <bob@advantage.com>
Message-ID: <3k57b9$bca@scipio.cyberstore.ca>
Source record: 260154

Is there a mod which will remove the beeping noise when the keypad is pressed...

My wife says it is like hearing the tap drip at night when I am scanning with earplug on <g>...

Bob

3290. Radio Shack Pro 36 scanne

Newsgroup: rec.radio.scanner
Date: 1995-03-15 00:00:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <9503180201113669@totembbs.com>
Source record: 260158

FI>I am considering buying a RS Pro 36 as my first hand held scanner. Is it
FI>any good? Is it easy to modify? Is $140 a decent price? I'd appreciate
FI>any info. Thanks.

1) For what it does, it's a good scanner.

2) It doesn't do much.

3) I've had one for 2 years and haven't been able to find a single mod
for the bugger.

4) I paid $140 for mine 2 years ago...if it's used, it's not worth it!

 SLMR 2.1a Backup not found: (A)bort (R)etry (P)anic

3291. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-15 00:13:04 UTC
From: darwin@dorite.use.com
Message-ID: <D5GGLx.47H@dorite.use.com>
Source record: 260183

```
: >In a previous posting, Wun-chun Chau (wun-chun@phoenix.ece.wisc.edu) writes:
: >> I heard that scanner can pick up any nearby cordless phone's transmition,
: >> is that true? How can it be done? How to prevent it?
: >>
: >
: >I have monitored cordless phones up to 5 Kms from my location. So if you
: >are concerned use a regular landline. BTW monitoring cordless phones is
: >illegal in the USA (ya, right!) but it is legal here in Canada. I would
: >suggest that you use common sense and not give out personal info over
: >a cordless phone, ie: Credit Card numbers etc...
: >

: Or, get a cordless that "scrambles" the transmission. I bought a Cobra that
: makes any conversation pure garbage to a listener.

Keep in mind that "voice inversion" is not very private at all.
Descrambler kits can be had for about $30. The only SECURE cordlesses
are the 900 Mhz with spread spectrum scrambling.
--------------------------------------------------------------------------
Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.
--------------------------------------------------------------------------
```

3292. Re: ...police/fire radio jargon codes

Newsgroup: rec.radio.scanner
Date: 1995-03-15 00:22:10 UTC
From: cwachs@aol.com
Message-ID: <3k5bvi$80s@newsbf02.news.aol.com>
Source record: 260161

The codes are often dependant on where you live. Here in Colorado, we use a variety of codes. Where I work, we use a system called the ten code (not the 10 codes, it is very confusing) but they are as follows:

Code-1 Traffic hazzard
Code-2 Traffic Stop
Code-3 Emergency Traffic Only
Code-4 Everything is OK
Code-5 Prisoner
Code-6 Crazy Person
Code-7 Meal Break
Code-8 Arrival
Code-9 Arrest Warrant
Code-10 Officer Needs Assistance / Officer Down

Hope that may help you
CWachs@aol.com

3293. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-15 00:25:14 UTC
From: cwachs@aol.com
Message-ID: <3k5c5a$82g@newsbf02.news.aol.com>
Source record: 260162

As well as 154.280 FERN (Fire Emergency Radio Network) That one is programmed into every fire radio in the country. It is often used to communicate with medical helicopters or at mutual aid scenes.

As for the national law channel 155.475, it is also called NLEC, LAWTAC, PTAC
CWachs@aol.com

3294. Blimp(s)

Newsgroup: rec.radio.scanner
Date: 1995-03-15 00:30:01 UTC
From: lou@gary.com
Message-ID: <7790-256642002@gary.com>
Source record: 260159

IS>Lou,

IS>Goodyear's PR department has an amazing bundle of info they'd most likely
IS>be happy to mail to you. Try to find them at their company HQ.

IS> |
{> |
IS> ' --|--
IS> /|\
IS> ' ___|_____________
IS> | Chuck Gysi, N2DUP |
IS> | SCAN911@aol.com |
IS>---
IS>Come visit in phl.scanner for the latest scanner news in
IS> the GREATER PHILADELPHIA area!
IS>---
Thanks very much, I'll pass along that information.

Lou

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

3295. Re: Blimp(s)

Newsgroup: rec.radio.scanner
Date: 1995-03-15 00:30:01 UTC
From: lou@gary.com
Message-ID: <7790-256648103@gary.com>
Source record: 260160

IN>:lou@gary.com wrote:

IN>: Hello to All,

IN>: Thanks for reading this. I know this isn't the proper forum for this
IN>: type of question but I'm going to ask it here, and if you would
IN>: (providing you have the information), respond to me E-Mail, so as not to
IN>: further confuse this forum.

IN>: In the past, I've seen questions regarding the frequencies used by the
IN>: blimps. I've also seen answers by those, who apparently had good
IN>: knowledge of the blimps. This is where my question comes in.

IN>: I was asked to ask of someone knowledgeable of the blimps:

IN>: 1. What size engine (if any) the blimps use.
IN>: 2. What type of fuel is used.
IN>: 3. The fuel tank capacity
IN>: 4. Total flying time on the fuel capacity.
IN>: 5. What the flying speed of the blimp is, when it is in actual motion.

IN>: Any and all help would be appreciated. And, Thanks in advance.
IN>: Lou
IN>: Lou@Gary.Com

IN> Try one the rec.aviation.* groups.

IN>--------------==
IN>------------========== | naus@cs.fsu.edu
IN>----------=========== James | naus@freenet.fsu.edu
IN>----------=========== |-----------------------------------
IN>----------=========== Naus | Florida State University
IN>------------========== | Tallahassee, Florida USA
IN>--------------==

Jim,

Thanks for the info, but this BBS doesn't have access to that type
forum, yet.

Lou
{Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

3296. Encryption WAS: 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-15 01:02:28 UTC
From: rflood@cis.umassd.edu
Message-ID: <D5GIw8.Grr@umassd.edu>
Source record: 260166

In <J+7YVXa.orkin@delphi.com> orkin@delphi.com writes:

>Why dont the celluar companies just scramble so they dont have to worry
>about anyone haering them?

Well the biggest reason is law enforcement. Yes, the phone companies would have to got digital. But there was also a bill just passed that stated the law enforcement must have access to all communications. its hasnt been tested in the courts and I dont think anybody knows what it means yet. But if an encryption system prevented law enforcement from doing surveilance, it would be illegal.

Case in point .... software. How secure is the password protection in Word for windows or quicken? For any commercial program? Its garbage, simply put if MS developed tough encryption they would not be allowed to export. Not to mention that the FEDs talked to Lotus when it was developing Lotus Notes. They were afraid that it was too hard to break and that criminals would use it. Software publishers can make tougher encryption, but they wont because of the goverment. I have no doubt that a company releasing an un-crackable communication device would quickly be be visted by the FBI, NSA, CIA or some other federal agency and persuaded to give out back doors, ect anything that would help law enforcement.

There is alot more of this on "alt.security.pgp" and "sci.cryptology", but basically law enforcemnet does not want average citizens to use encryption systems. Atleast ones they cant break. There is a big fear that programs like PGP are getting so secure that there is a bill floating around to ban all encryption that the goverment can not crack.

This got long but it answers one of the reason we do not have encrypted phones. Atleast a very big part of it!!!

-Rich

BTW:) Keep this in mind when the goverment trys to pass the bill against encryption it may actually be voted on.

3297. Re: High Freq Sound Filter-How do I make one?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 01:10:28 UTC
From: froggie@intac.com
Message-ID: <3k5ic4$bp5@uucp.intac.com>
Source record: 260169
Cross-posted to: rec.radio.scanner,alt.radio.scanner

ptcarter@b30news.b30.ingr.com (Paul Carter) wrote:
>
>..... So my question is, Is
>there anyway to filter out these tones and leave
>just the desired audio? Note this sound comes
>when I'm listening to frequencies in 870-896 MHZ range .
>
>Thanks for any assistance.
>
>Paul ptcarter@ingr.com

Paul, Pick up a Radio Shack DSP Noise Reduction System Box.
It has built in speaker and excepts headphones. Does a very
nice job of exactly what you want to do. Around $80 and worth
it.

Frank G.

3298. Sportcat

Newsgroup: rec.radio.scanner
Date: 1995-03-15 01:24:37 UTC
From: jwaelt@MO.NET
Message-ID: <3k5fkl$858@Twain.MO.NET>
Source record: 260165

More coming later but for now, here is a little feature on the SportCat:

hold down the numbers 2 and 9 along with the HOLD key and
turn the power ON
The entire memory will be reset....

3299. SWAGURSAT -- Any Users???

Newsgroup: rec.radio.scanner
Date: 1995-03-15 02:01:38 UTC
From: bberg99828@aol.com
Message-ID: <3k5hq2$9pn@newsbf02.news.aol.com>
Source record: 260167

Looking for information on the SWAGURSAT receiver attachment for
the ICOM R7100. Does it Work Good ???.
Please E-mail
Bob B
Shelton Ct
bberg99828@aol.com

3300. PRO-43's FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-15 02:19:35 UTC
From: chris6142@aol.com
Message-ID: <3k5irn$a4l@newsbf02.news.aol.com>
Source record: 260168

We have found a limited supply of PRO-43 Scanners!
All have date codes before 3A3 and have many possibilities available.. but
I can't discuss that :)

This is a Radio Shack Store!
612-935-0131... Chris J. or Chris F.
or e-mail me here

Only have about a Dozen units... GET while their in stock.. when they're
gone...
you know..

Retail: 249.97 + your states tax + shipping
UPS 2.50 ground 7.5 2nd Day
CC and check or money order accepted.. Sorry no COD's

Call either of us Quickly.

If I have offended any by a Retail posting.. sorry but this is to good of
a chance to let people pass by

3301. Re: DAMARK Purchase info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-15 02:28:22 UTC
From: jjk9@epix.net
Message-ID: <NEWTNews.21591.795238283.jjk9@epix.net>
Source record: 260163

In article <XqPPliubGoA9079yn@access.digex.net>, <domonkos@access.digex.net>
writes:
A Definite No! After purchasing a Uniden 890XLT thru Damark at there close out
price of $399, I found the same radio for $228. in the latest issue of a radio
magazine. Not a very good deal indeed (Damark). Needless to say I will be
shopping elsewhere for my future electronic purchases!
recently received the latest DAMARK catalog. In it they have
> > a BC 2500XLT/B for $449.99. It is on a page listing "factory
> > serviced".

> No, it's a ripoff. I've seen them new, unused, on clearance for $329. Get
> the BC3000 instead. Same features and more, plus improved performance.
> They can be found for $369 - $449.
>
> Andy
>
>

3302. Re: Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1995-03-15 02:34:18 UTC
From: rpeacock@idirect.com
Message-ID: <34772.8705555556@idirect.com>
Source record: 260170

> Just wondering if someone could give me a phone number and/or address
>where I could get info on subscribing to Monitoring Times. (can't find it
>anywhere around here).

Phone number: 704-837-9200 (8 am-5:30 pm weekdays)
Fax number: 704-837-2216 (24 hours)

Rob....

3303. Re: scanners on US Air

Newsgroup: rec.radio.scanner
Date: 1995-03-15 02:42:48 UTC
From: Gordon Nodrog <gordon@metronet.com>
Message-ID: <3k5k79$pqs@feenix.metronet.com>
Source record: 260171

darwin@dorite.use.com (Darwin Teague) wrote:
>
> I'm planning on flying via US Air. Any ideas how they feel about using
> scanners on the plane now?
>
> Also, could I carry an HT on the plane (I have no plans to use it while
> anywhere near a plane)?
> ---
> Dishheads, dishheads, roly poly dishheads!
> Lick a toad, go to jail.
> See Spot run. See Spot Dick Jane.
> ---
>
I carry my scanners on board with me often. Never had a problem.
I have even used it once or twice, but would not recomend it!

Big I Little i IiI.
Just the man sitting next to the man sitting next to the man sitting
next to the man sitting next to the man who call that man a Pilco player!

Ivan Paynter
iswmp@metronet.com
Ivan_Paynter@MCImail.com

3304. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-15 02:58:10 UTC
From: Gordon Nodrog <gordon@metronet.com>
Message-ID: <3k5l42$pqs@feenix.metronet.com>
Source record: 260173

> Or, get a cordless that "scrambles" the transmission. I bought a Cobra that
> makes any conversation pure garbage to a listener.
>
Any thing that can be coded can be uncoded. The Corba uses aone
type of encription. With about 50 bucks and two hours you can buy
and build a decoder. If there not sold in Monitoring Times there
sold in National Scanning.

So Go land line or be monitored! (not by me...)

++
iwsmp@metronet.com | Big I Little i IiI.
Ivan_Paynter@MCImail.com | The man sitting next to the man sitting
| next to the man sitting next to the man...
++

3305. Re: Sportcat

Newsgroup: rec.radio.scanner
Date: 1995-03-15 03:05:02 UTC
From: Gordon Nodrog <gordon@metronet.com>
Message-ID: <3k5lgu$pqs@feenix.metronet.com>
Source record: 260172

jwaelt@MO.NET (Pay no attention to that man behind the curtain) wrote:
>
> More coming later but for now, here is a little feature on the SportCat:
>
> hold down the numbers 2 and 9 along with the HOLD key and
> turn the power ON
> The entire memory will be reset....
>
>
I want to know if the Data Skip works?

++
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
++

iwsmp@metronet.com
Ivan_Paynter@MCImail.com

Big I Little i IiI

Just the man sitting next to the man sitting next to the man sitting
next to the man sitting next to the man sitting next to the man
sitting next to the GOT damn man who call that man a Pilco player!

++
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
++

3306. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-15 03:16:24 UTC
From: Gordon Nodrog <gordon@metronet.com>
Message-ID: <3k5m68$37k@feenix.metronet.com>
Source record: 260174

cadsuper@big12.metrobbs.com (Rob Holland) wrote:
>
> Anyone familiar with the beartracker from Uniden?
>
> Am I missing something here, or is this just another one of Uniden's
> marketing techniques to sell these radios to the average truck driver
> that dosent know much about radio propogations?

Let's see, How can I say this ! You hit the nail on the head!
Just think of how it monitors trunk systems. Here come the
DOG Catcher!!

3307. Monitoring Times Convention

Newsgroup: rec.radio.scanner
Date: 1995-03-15 03:38:35 UTC
From: jrodrig@ix.netcom.com
Message-ID: <3k5nfr$7pe@ixnews3.ix.netcom.com>
Source record: 260175

This year's Monitoring Times Convention, renamed The Grove Communications Expo this year will be held the weekend of October 13,14, & 15 at the Atlanta Airport Hilton.

This year the Expo will include a seminar on MONITORING AND THE LAW. If you have an interesting story or law in your community concerning radio monitoring, I would like to hear from you for inclusion in the presentation at the Expo.

Jorge Rodriguez, Esq.
jrodrig@ix.netcom.com

3308. Pro-33 ???

Newsgroup: rec.radio.scanner
Date: 1995-03-15 04:16:04 UTC
From: jjaust@ix.netcom.com
Message-ID: <3k5pm4$9it@ixnews2.ix.netcom.com>
Source record: 260176

I have a Realistic Pro-33 and was wondering if there are any decent mods that can be done to it (ie. 800 mhz). I was able to locate some docs for Pro-34 mods, but not Pro-33.

Am I out of luck?

Any info appreciated. Thx
Jeff

3309. Re: Pro-39 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-15 04:30:30 UTC
From: root@yatespc.raider.net
Message-ID: <1995Mar15.043030.285@yatespc.raider.net>
Source record: 260177

In <3k0lq0$mjf@boris.eden.com> robert@eden.com (Robert Barker) writes:

>There are NO keypad mods for the pro39.. you can only restore
>cellular by clipping the D6

--

Scott Yates, CNE ASE o o MicroLink Consulting Group, Inc.
Amateur Radio N4BBB \ / Nashville, Tennessee USA Earth
Rockvale , Tennessee (0 0) Novell, Unix, Macintosh (even DOS!)

3310. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-15 05:10:53 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5GuE6.vq@agora.rdrop.com>
Source record: 260187

In article <3k376k$1qh@westnet.westnet.com>,
Roger Pettengill <rogerp@westnet.com> wrote:
>In article <3k0jt9$3ij@metroux.metrobbs.com>, cadsuper@big12.metrobbs.com
>says...
>>
>>Anyone familiar with the beartracker from Uniden?
>
>The freq it uses to trigger the alert light is used by the mobile
>extender (a mini-repeater used only between the patrol car and the
>officer's portable radio).
>
>Two very important things the Beartracker ads don't tell you:
>
>1. The mobile extender is on ONLY when the officer is OUT OF THE CAR.
>Therefore, (A) if he's sitting in his car watching the readout on his
>2. Not all states have mobile extenders in their patrol cars.

I was told that the warning light came on for any recieved transmission
from the Highway Patrol band, not just the extenders. Is that true?
I don't have one, but have been looking at them...
TTFN

-Steven

3311. Freqs needed for SLC, Utah

Newsgroup: rec.radio.scanner
Date: 1995-03-15 05:21:17 UTC
From: Bruce Sutherland <76050.1131@CompuServe.COM>
Message-ID: <3k5tgd$n40$1@mhadf.production.compuserve.com>
Source record: 260184
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone send me via E-Mail some interesting freqs for Salt
Lake City, UTAH?? I will be there on friday.
Thanx in advance.

3312. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-15 05:29:36 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950314212906.26719H-100000@holmes.ece.orst.edu>
Source record: 260193

On 14 Mar 1995, David A. Webb wrote:

> Is police radar based on dopplar shift,
> or on a reflected signal time interval?
> Dopplar shift seems theoritically possible, but I don't know how
> the equipment could be sensitive enough.
> I am guessing the method is based on a reflected signal,
> but I haven't read anything on the subject.

Cop tax radar uses Doppler shift, all bands.

3313. Radar Jammers-Legal?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 05:34:48 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950314212946.26719I-100000@holmes.ece.orst.edu>
Source record: 260194

I've seen a few ad's for active radar jammers and the comapanies claim that they are legal since they put out a really small signal >10mW. The claim the FCC reg's somehow do not cover transmitters with very low output. They've told me that as of now they know of no law (they assured me that they have done research) that makes them illegal. I'm a little skeptical but the idea sounds great. Do these X-mitters get by under the same regs that allow those FM trasmitters to be sold (like wireless speakers and things like that). What law would make them illegal?

3314. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-15 06:03:02 UTC
From: OpenOp@ix.netcom.com
Message-ID: <3k5vum$8on@ixnews4.ix.netcom.com>
Source record: 260182

In <mwhite-1403951049320001@m14494-mac.mitre.org> mwhite@mitre.org (Michael White) writes:

>
>Dick Williamms wrote:
>
>> ...I have been looking at the Radio Shack Pro 43 & 62, but I have been holding
>> off thinking that I will get a better deal in a scanner at this
>> fest. Does one most generally find good deals at these fests?
>
>No. Dayton is a very large hamfest, probably the largest in the world.
>However, prices are always top-dollar. I guess sellers figure that if
>buyers came all the way to Dayton, they *really* want to buy. Go, enjoy,
>have a good time, but don't expect to find any bargains.
>
>Another thing that has always mystified me about Dayton (aside from the
>fact that it almost always rains) is that about every third table is full
>of old commercial HTs, at preposterously high prices. I guess some folks
>still fool around with those things, but I sure don't get it. I once asked
>a friend who had just spent around $600 for a 10 channel commercial HT
>(for which he did *not* have a programmer) why he hadn't bought a ham HT,
>which would be fully synthasized, with lots of neat features, and cost
>about half that much. He said he wanted the commercial unit because
>"...you can drive a truck over it and it will still work". I'm sure that's
>true, but just how often does that sort of think come up? I've been a ham
>for over 30 years, and I've never once felt the need to drive a truck over
>my HT :-) Anyway, if you go to Dayton, expect to see tons and tons of old
>commercial HTs.
>
>Mike, N4PDY
>
>--
>mwhite@mitre.org
>

>My opinions are my own, not my employer's.
>

When is the Dayton Hamfest?

3315. Re: Encryption WAS: 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-15 06:25:37 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3k6191$3rm@umcc.umcc.umich.edu>
Source record: 260185

In article <D5GIw8.Grr@umassd.edu>,
Richard M. Flood <rflood@cis.umassd.edu> wrote:
>In <J+7YVXa.orkin@delphi.com> orkin@delphi.com writes:
>
>>Why dont the celluar companies just scramble so they dont have to worry
>>about anyone haering them?
>
>Well the biggest reason is law enforcement. Yes, the phone companies
>would have to got digital. But there was also a bill just passed that
>stated the law enforcement must have access to all communications. its
>hasnt been tested in the courts and I dont think anybody knows what it
>means yet. But if an encryption system prevented law enforcement from
>doing surveilance, it would be illegal.

That is complete garbage. CMTs have been in existence for over
10 years now, yet you mention a law "just passed" to support your claim?!

There are encryption systems available, most just offering a low to
moderate degree of transmission security, and some areas have
implemented secure cellular systems for government use -- certified for
Top Secret.

The cellular industry simply didn't want to spend the time or $$
developing encryption algorithms for the original cellular network.
Initially, they lied to the media & public by indicating that cellular
system dynamics would make it difficult for an eavesdropper to listen in
(in the mid-1980s, I was told that my cellular phone would start beeping
if someone, "somehow" was listening in. It was a cellular sales guy that
told me this). As more & more stories came out in the media about people
entertaining themselves (as well as those with malicious intent) buy
spending about $200 for a scanner radio that could tune in cellular, the
industry changed their lie to indicate that the average call hopped (&
thus, changed freqs) every 10 seconds or so, so that people with scanners
were only hearing brief bits of any one conversation.

As of late, it seems like the industry has given up trying to
spew misinformation/disinformation, & now say that the majority of the
CMT users aren't concerned about the vulnerability of interception, & for
those that are, encryption systems are available (they still don't
advertise the crypto systems much, because it would be a Catch-22 situation).

As more areas start to phase-in the TDMA & CDMA digital systems,
the cellular industry will use the privacy issue as one way to start
steering people over to the digital standards.

The government certainly has an interest (whether or not it is 'legitimate' shouldn't be argued in this newsgroup) in encryption systems available to the public, and that includes any cellular systems (the National Security Telecommunications Advisory Committee has had an involvement in the TDMA & CDMA standardization process), but it is stupid & just plain wrong to allude that there aren't cellular encryption products available to the public, and that it is the result of the government.

>This got long but it answers one of the reason we do not have
>encrypted phones. Atleast a very big part of it!!!
>
>-Rich

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 In cyberspace, noone can hear you scream.

3316. BC200 channel clear cmds

Newsgroup: rec.radio.scanner
Date: 1995-03-15 07:05:07 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <3k63j3$218@csusac.ecs.csus.edu>
Source record: 260188

Somebody recently asked for some commands.
While holding down 2,9,manual, and powering up, all channels will be
zeroed out and the cpu reset. While holding down 2,9,scan, factory
preset test channels will be loaded.

jrh
--
James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu) (916) 278-7374
"What this country needs is less people telling us what this country needs"
School of Engineering & Computer Science, Cal State University, Sacto, CA

3317. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-15 07:06:06 UTC
From: cadsuper@big12.metrobbs.com
Message-ID: <3k63ku$9n7@metroux.metrobbs.com>
Source record: 260186

Roger Pettengill (rogerp@westnet.com) wrote:
: In article <3k0jt9$3ij@metroux.metrobbs.com>, cadsuper@big12.metrobbs.com
: says...
: >
: >Anyone familiar with the beartracker from Uniden?

: The freq it uses to trigger the alert light is used by the mobile
: extender (a mini-repeater used only between the patrol car and the
: officer's portable radio).

: Two very important things the Beartracker ads don't tell you:

: 1. The mobile extender is on ONLY when the officer is OUT OF THE CAR.
: Therefore, (A) if he's sitting in his car watching the readout on his
: radar unit as you came barrel-assing over the hill, the mobile extender
: is not on and the Beartracker ain't gonna save your ass no way, no how,
: (B) if he's out of his car using his portable it means he's busy with
: something/someone else and probably not interested in you, anyway.

: 2. Not all states have mobile extenders in their patrol
cars.

I knew that there was something more to it than that. They were
advertising it to be a "radar-detector" of sorts for the police radio,
and knew that through the use of repeaters nowadays, there was no miracle
way to detect where the source of the signal is originating, unless it
was tuned to the repeaters input freq. that the cops radio was xmitting
on.

Rob

3318. Re: ...police/fire radio jargon codes

Newsgroup: rec.radio.scanner
Date: 1995-03-15 07:54:43 UTC
From: dg715@cleveland.Freenet.Edu
Message-ID: <3k66g3$7p6@usenet.INS.CWRU.Edu>
Source record: 260190

You have THE police 10-codes and want some other codes?

First of all, there is no police 10-code...there are dozens of
them! Each department can invent their own code, and many do.
When I was with one department, a department that shared a border
with us used a totally different 10-code. Those of us who had been
around awhile eventually learned some of their codes and they ours,
but for the most part, we had to talk to each on the radio in plain
English, because a 10-99 for them wasn't the same as a 10-99 for us.

radio codes weren't developed to keep scanner listeners from
knowing what's happening...they were developed to keep communica-
tions as brief as possible. It's much simpler to ask for a "27"
or "10-27" than to ask for "license registration information."
--
(DAVID MARK) dg715@cleveland.freenet.edu

3319. 8500 XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-15 08:19:00 UTC
From: rhartley@cybernetics.net
Message-ID: <rhartley.6.0014C1FE@cybernetics.net>
Source record: 260091

Need Cell mod for this radio.

Thanks

3320. Re: DAMARK Purchase info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-15 08:47:14 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5H4Es.DBG@agora.rdrop.com>
Source record: 260196

In article <XqPPliubGoA9079yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>In article <173617017S86.RSC@sruvm.sru.edu>, RSC@sruvm.sru.edu (Ron) wrote:
>> Hi All !
>>
>> I recently received the latest DAMARK catalog. In it they have
>> a BC 2500XLT/B for $449.99. It is on a page listing "factory
>> serviced".
>>
>> Should I jump all over this deal or not ?
>>
>> Thanks for your input. Ron
>
>No, it's a ripoff. I've seen them new, unused, on clearance for $329. Get
>the BC3000 instead. Same features and more, plus improved performance.
>They can be found for $369 - $449.

According to a catalog I've got, the BC3000XLT doesn't have a restorable
cellular. Anybody confirm that?

TTFN

-Steven

3321. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-15 09:29:04 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3k6c10$d8p@ixnews3.ix.netcom.com>
Source record: 260192

In <3k4t18$qms@ecom2.ecn.bgu.edu> mudaw@uxa.ecn.bgu.edu (David A. Webb) writes:

>
>Is police radar based on dopplar shift,
>or on a reflected signal time interval?
>Dopplar shift seems theoritically possible, but I don't know how
>the equipment could be sensitive enough.
>I am guessing the method is based on a reflected signal,
>but I haven't read anything on the subject.
>

As far as I know they work on time interval.(if the cop car is stationary) Radar signals (Rf) travels at a constant speed of of 1 mile in 6.18 microseconds. So the circuitry in the gun starts a timing circuit when the gun fires and times the length until the pulse returns. This would be for a unit that was not in motion, cop parked.

For a car in motion the gun sends out 2 pulses, one a little off to the side of the car to bounce of a stationary object on the side of the road to tell the gun how fast the cop car is moving thus determining the doppler shift caused by the cop car movement. Then the second pulse bounces off the target car and that doppler shift and the one from the cop car are mathmatically figured to determine the target car speed.

Just what I have found out in my 7 years of being a radar tech. Which has come in handy in beating a radar ticket in court! The cops know how the gun works, Radar techs, know how and why so WE are the experts in this area. Your tax dollars hard at work! Strange that now I going to be a cop. Oh well.

3322. Re: Pro-39 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-15 09:30:00 UTC
From: <>
Message-ID: <8A5810E.01F4000048.uuout@firstdue.uu.holonet.net>
Source record: 260191

```
Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!cs.utexas.edu!convex!darwi
n.sura.net!isdnlin.mtsu.edu!perot.mtsu.edu!raider!yatespc!root
From: root@yatespc.raider.net (Scott Yates [N4BBB])
Subject: Re: Pro-39 Mods
Message-ID: <1995Mar15.043030.285@yatespc.raider.net>
Organization: Yates Pest Control, Rockvale, Tennessee USA
Date: Wed, 15 Mar 1995 04:30:30 GMT
References: <3hnsvh$7j8@access1.digex.net> <komo.7.001076DD@halcyon.com>
<3k0lq0$mjf@boris.eden.com>
Lines: 11

In <3k0lq0$mjf@boris.eden.com> robert@eden.com (Robert Barker) writes:

>There are NO keypad mods for the pro39.. you can only restore
>cellular by clipping the D6

--
---------------------------------------------------------------------------
Scott Yates, CNE ASE o o MicroLink Consulting Group, Inc.
Amateur Radio N4BBB \ / Nashville, Tennessee USA Earth
Rockvale , Tennessee (0 0) Novell, Unix, Macintosh (even DOS!)
---
```
 Cam-Mail v1.40:

3323. Re: alfanumeric scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-15 09:42:38 UTC
From: mhalvers@nermal.santarosa.edu
Message-ID: <3k6cqe$uch@floyd.santarosa.edu>
Source record: 260219

Mike Mayer (mike@shien.ist.csuohio.edu) wrote:
: harald@vestnett.no (Harald Jacobsen) writes:
: :
: : I am looking for an alfanumeric scanner. Is there anyone out there who can
: : tell me any good solution and perhaps some prices?
: :
: : Harald
: :

: A good alphanumeric scanner is available from AOR, called the
: AR8000, a handheld. 1000 channels, 100kHz to 1950MHz, all mode.
: About $640 US.

: Mike

: --
: ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
: Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
: Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
: Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
: v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

I have an Uniden MR8100 scanner w/software I am selling for $200 + shipping,
this is a 100 channel scanner. You program the alpha display and freqs with
a computer then un-plug and scan away...

3324. 900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-15 10:26:12 UTC
From: scotto@ipars.sds.com
Message-ID: <D5H8zp.po@ipars.sds.com>
Source record: 260197

I have a Uniden 900 MHz spread-spectrum cordless telephone. I can't monitor it on any of my recievers and was wondering if anyone knows if it can be monitored. If so, with what equipment?

Thanks

--

Scott O'Connell
Spectrum Data Services
scotto@sds.com

3325. Re: PRO-43 case available?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 10:45:12 UTC
From: jrosariojr@aol.com
Message-ID: <3k6gfo$gpe@newsbf02.news.aol.com>
Source record: 260195

Radio shack sell a leather case for the pro-62 that fits the 43.

3326. 800-900 Mhz prob on Pro-46

Newsgroup: rec.radio.scanner
Date: 1995-03-15 11:05:15 UTC
From: wilkinso@cambridge.scr.slb.com
Message-ID: <3k6td6$hmr@sndsu1.sedalia.sinet.slb.com>
Source record: 260205
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi all.
I may be reiterating a previous post by somebody here, but what the hell. I'm having a problem trying to open up the 800-900 Mhz freqs. on my pro-46. Although I followed the pro46mod on modifying the scanner to supposedly pick up these frequencies, moving these IC jumpers doesn't seem to have done anything. Someone said something on here about later models being a more complex modification? The badge on my model is '5A3'. PLEASE could someone tell what I'm doing wrong or what I can do to access these f
reqs., if anything?

Hopefully....

Si.

3327. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 12:05:01 UTC
From: davidm@iglou.com
Message-ID: <jVjPlK7gX1uL079yn@iglou.com>
Source record: 260096

In article <D5FsKs.AIu@world.std.com>,
gdallal@world.std.com (Jerry Dallal) wrote:

> Fran Olson (folson@prairienet.org) wrote:
>
> : ----------
> : Hello to all: I just thought I would try and explain to you that
> : there is no such thing a No-Code at least the FCC don't call it
> : that as of right now.
>
> : A technician class is actually split two ways.
> : 1. technician without code can only work 50 MHz and higher.
> : (no low band)
> Sounds like "no-code" to me.

Technically he is right, but it is a minor point. The "official" names of the licenses are "Technician" (this is the one where you don't take a code test), and "Technician Plus" (this is the one where you do take the code test). There is no license that is officially known as "No-code Tech(nician)", "Tech Lite", or half a dozen various other slang names for what officially is called "Technician".

> : Amateur Radio operators are exempt in most states because amateur
> : radio plays a big part in disasters of all sorts.
>
> Actually, it's because
> Federal law takes precedence over State law. The
> states have to be very careful about passing laws that would interfere
> with the federally established amateur radio service.

Well, not quite on this one either folks. The FCC did issue an order that says hams are exempt from all state and local scanner laws, but only for ham transceivers that also receive public service frequencies. It does not apply to scanners, and both the FCC and the ARRL have stated this several times. And before anyone asks, no, a handy-talkie attached to the top of a scanner with duct tape does not make the scanner a transceiver. Also, the FCC did not pass this ruling until late 1993 or so. The last states that did not exempt hams changed their laws in 1992, so for all intents the FCC ruling has no effect at the state level (and before the trivia buffs ask, the last two states with scanner laws that forbid mobile operation of scanners to exempt hams were Kentucky and New Jersey, and both were changed in 1992).

As someone else stated before, the main reason states changed their laws, and the reason the FCC issued its ruling, was because almost all 2 meter radios sold also have the capability of monitoring public service frequencies in the VHF range (the only one I can think of off hand that won't is the Radio Shack

HTX-202). Until the laws were changed, this technically made most ham operators into violators if they had a 2 meter ham radio inside their car. And even after the states with scanner laws changed theirs, there are still a number of cities and counties that have scanner ordinances on the books, hence the need for the FCC ruling.

David KD4RMW
davidm@iglou.com

3328. Re: Frequencies (Perth, Australia)

Newsgroup: rec.radio.scanner
Date: 1995-03-15 12:40:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.158.000CAB3E@ccm.hf.intel.com>
Source record: 260080

In article <3joudu$4c9@cougar.multiline.com.au> atate@cougar.multiline.com.au (Adam Tate) writes:

>Does anybody know of any good frequencies in Perth ? Preferably the
>police, ambulance and fire ones. Any help would be much appreciated.
>Please post here or mail atate@cougar.multiline.com.au

I just got back from Perth two days ago. I didn't have too much time to scan, but I did wandered into a Dick Smith electronics store on Wellington St. (somewhere around William Street) and saw two different frequency directories. I saw some Perth freqs around 70 -80 Mhz for ambulance. I didn't see any Police frequencies listed.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3329. Re: HELP *** HELP *** OSU Police frequency Wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-15 12:43:18 UTC
From: jwilkers@freenet.columbus.oh.us
Message-ID: <3k6nd6$q10@acme.freenet.columbus.oh.us>
Source record: 260198

Aaron Giles (giles.26@postbox.acs.ohio-state.edu) wrote:
: The OSU PD along with many other university services have moved to an 800 Mhz.
: trunked system. Here are the freqs:

Wow! I missed those... Police call didn't get 'em yet... or I missed 'em.

--

_____
| John L. Wilkerson Jr. Jwilkers@freenet.columbus.oh.us |
|_____|

3330. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-15 12:47:53 UTC
From: jwilkers@freenet.columbus.oh.us
Message-ID: <3k6nlp$qru@acme.freenet.columbus.oh.us>
Source record: 260199

Roger Pettengill (rogerp@westnet.com) wrote:
: In article <3k0jt9$3ij@metroux.metrobbs.com>, cadsuper@big12.metrobbs.com
: says...
: >
: >Anyone familiar with the beartracker from Uniden?

: The freq it uses to trigger the alert light is used by the mobile
: extender (a mini-repeater used only between the patrol car and the
: officer's portable radio).

: Two very important things the Beartracker ads don't tell you:

: 1. The mobile extender is on ONLY when the officer is OUT OF THE CAR.
: Therefore, (A) if he's sitting in his car watching the readout on his
: radar unit as you came barrel-assing over the hill, the mobile extender
: is not on and the Beartracker ain't gonna save your ass no way, no how,
: (B) if he's out of his car using his portable it means he's busy with
: something/someone else and probably not interested in you, anyway.

: 2. Not all states have mobile extenders in their patrol cars.

: The bottom line on the Beartracker is: buy a real scanner and the latest
: edition of Monitor Amercia.

ALSO..... not all states use the extender frequencies the Beartracker
is set for.

I agree with you.... I program ALL the hwy patrol _mobile_ freqs into my
scanner. That way, when I hear anything at all, I know old Smokey is about.
BUT then, I have a CB also, and can find out where they are a lot
farther away than with a scanner alone.

--
____
| John L. Wilkerson Jr. Jwilkers@freenet.columbus.oh.us |
|____|

3331. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:05:43 UTC
From: parnass@att.com
Message-ID: <D5HJ5J.3ML@ssbunews.ih.att.com>
Source record: 260200
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: March 11, 1995. |

Lines changed since the previous issue are marked with a |
character in the right margin.

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTES: This article may not be reproduced in whole or in |
part on CDROMS, in bulletin boards, networks, or
publications which charge for service without permission of
the author. Free distribution is encouraged.]

This introduction is intended for people new to the
scanning hobby and is oriented to scanning in the USA. It
tells where you can buy your first scanner, what features
it should have, where to get it repaired if required, how
to get frequency information, and mentions a few scanner
clubs worth joining. |

The author writes a monthly "Scanner Equipment" column for |
Monitoring Times magazine, published by Grove Enterprises, |
but views expressed in this article are his own.

Why Scanning?

Every day and night, scanner hobbyists are entertained by
what they overhear on their radios. Police cars, fire
engines, ambulances, armored cars, trains, taxis,
airplanes, and buses are all equipped with radios and you
can listen to them. You can monitor the local sheriff and
fire departments to hear about events "as they happen,"
before the news reporters hear about them. Hostage dramas,
bank robberies, car crashes, chemical spills, tornado
sightings are all fair game. In a single afternoon, you
can hear a high speed police chase, Drug Enforcement agents
on a sting operation, and undercover FBI agents as they
stakeout a suspect.

How about listening to a presidential candidate discuss
strategy with his advisor from a 415 MHz radiophone in Air
Force 1, or a team of G-men protect him while transmitting
in the 167 MHz range?

Baby monitor intercoms are actually transmitters and you
can hear them between 49.67 and 49.99 MHz.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication. A new law outlaws listening to cordless phones, too, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the laws.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $9.95 + shipping from Grove Enterprises, PO Box 98, Brasstown, NC 28902.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend Trident nor many of the AOR brand scanners, although the AR8000 and AR3000

have good reputations.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners have larger displays and almost always provide more audio than portables, and some portables are more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 40 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Almost all low and mid-priced scanners are prone to receiving images -- receiving the same signal erroneously on two or more frequencies. With a few exceptions, images are undesireable due to the interference they cause, e.g.,

hearing aircraft transmissions while the scanner is tuned to the local police frequency. Premium quality scanners use "up conversion" circuitry, a scheme which greatly reduces image reception.

Currently, the more popular scanners include the Uniden/Bearcat BC760XLT (a/k/a 950XLT) and discontinued Radio Shack PRO-2006 base/mobiles, the Uniden/Bearcat BC200XLT (a/k/a BC205XLT), BC220XLT, and Radio Shack PRO-43 portables. A number of owners report problems with the Icom R1 portable and the older Uniden/Bearcat 8500XLT base and 2500XLT portable. The new Uniden replacement models, the BC9000XLT and BC3000XLT, work very well and are my current favorites.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by the 1000 channel PRO-2035. The portable Radio Shack PRO-62 is a good performer. All three models employ up conversion and are made for Radio Shack by GRE (General Research Electronics). Both GRE and Uniden make scanners for Radio Shack.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so.

Portable scanners are supplied with a spring shaped antenna, covered by rubber. Although it is small and tolerant of physical abuse, the range of a heliflex antenna is very limited. Augmenting it with a 19" telescoping metal antenna can improve portable reception greatly.

Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801 (recently discontinued), can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be more prone to lightning strikes because they are not at "DC ground."

Coaxial Cable Feedlines

If your antenna installation requires more than 50 feet of feedline, use RG213/U or high quality RG8/U coaxial cable. RG213/U has a non-contaminating jacket and will last longer. Each has an outer diameter of about 13/32". Similarly sized Belden 9913 cable and clones have lower attenuation but are difficult to bend, require special connectors, and can accumulate moisture inside because it they are hollow.

If you must use a small diameter cable for long runs, use RG6/U. Avoid RG58/U (7/32" OD) due to its losses at high frequencies. RG8/X (1/4" OD) is suitable for short patch cords.

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200. Telephone (orders only): (800)438-8155.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- The Ham Station, 220 N. Fulton Ave., Evansville, IN 47719-0522. Telephone (800)729-4373, (812)422-0231.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. By federal regulation, new scanner models cannot be easily modified to tune the cellular phone bands.

Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is Gene Hughes' Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, published by SMB Publishing (now known as Scanner Master Publishing), and available from Grove Enterprises for about $25. A new 3rd edition is expected in early 1995. Monitor America contains several pages of police, fire, local government,

news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 9th edition is available from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the

US. It works well.

Grove enterprises sells FCC license information on CDROM for $100. The fields are similar to PerCon's Spectrum CDROM, but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom report. To make it easy to locate transmitters, the report includes an 8-1/2" by 11" scaled | plot marked with transmitter sites and cities (no streets). I call this innovation RadioMap(TM) service.

It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Industry uses RadioMap reports to survey the "radio environment" prior to installation of radios and wireless microphones at customer sites.

This is completely different from, and independent of the Grove Enterprises CDROM.

Ham radio stations are not listed. The RadioMap report includes frequencies, callsigns, and licensee names. For a flat fee, you choose the center location, and I choose the range, depending on transmitter site density. A 5 mile range (100 sq. mi. area) works well in most suburban areas. In rural areas, ranges of up to 10 or more miles (400 sq. mi. area) are possible, while ranges of 1 to 2 miles produce best results in urban cities, e.g., Manhattan and downtown Chicago.

I will produce custom RadioMap reports for areas in any of the 50 states. Send $19.95 (check or money order) for each RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Price increases to $25.95 on April 1, 1995.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person

could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are

several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio and the Northeastern states, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays, most at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members often sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $15 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Some CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1995. All meetings will be held on Saturdays at locations announced in advance.

February 18, 1995 - Westmont Police Dept.
April 15
June 17
August 19
October 14
December 16

Bring a notebook and your appetite.
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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3332. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:06:05 UTC
From: parnass@att.com
Message-ID: <D5HJ65.3ny@ssbunews.ih.att.com>
Source record: 260201
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed March 11, 1995 |

Lines changed since the previous issue are marked with a |
character in the right margin.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

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the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?"
Scanner enthusiasts can obtain frequency information from
several sources, including books, government microfiche
records, or other listeners.

Books

The most convenient source of fire and police frequencies
is the Police Call Radio Guide, published each year in 9
regional volumes by Hollins Radio Data, and sold at Radio
Shack and larger book stores for under $10. Police Call is
basically a computer printout of FCC license information in
the fire, police, local government, and conservation
services in two lists: by licensee name within state, and
by frequency. Later editions have included a few pages of
local airport and nonsensitive federal government
frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor
America, published by Scanner Master Corp., and available
from Grove Enterprises for about $25. This second edition
is crammed full of police, fire, local government, news
media, sports, national park, and commercial broadcast
frequencies for all 50 states. The information was
compiled mainly from members of the world's largest
scanning club, the Radio Communications Monitoring
Association (RCMA). Monitor America contains detailed
communications system profiles and precinct maps for major
metropolitan areas. Police and fire radio codes and unit
identifiers unique to local agencies are listed for several
cities. This differs from Police Call, which gives a more
sterile, but uniform treatment of licensees, listing even

the smallest of towns. A 3rd edition is expected in early 1995.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is a good book for this difficult to obtain information.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells information on CDROM for $100 instead. The fields are similar to PerCon's Spectrum CDROM (see below), but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies in several states, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom report. To make it easy to locate transmitters, the report includes an 8-1/2" by 11" scaled | plot marked with transmitter sites and cities (no streets). I call this innovation RadioMap(TM) service.

It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Industry uses RadioMap reports to survey the "radio environment" prior to installation of radios and wireless microphones at customer sites.

This is completely different from, and independent of the Grove Enterprises CDROM.

Ham radio stations are not listed. The RadioMap report includes frequencies, callsigns, and licensee names. For a flat fee, you choose the center location, and I choose the range, depending on transmitter site density. A 5 mile range (100 sq. mi. area) works well in most suburban areas. In rural areas, ranges of up to 10 or more miles (400 sq. mi. area) are possible, while ranges of 1 to 2 miles produce best results in urban cities, e.g., Manhattan and downtown Chicago.

I will produce custom RadioMap reports for areas in any of the 50 states. Send $19.95 (check or money order) for each RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Price increases to $25.95 on April 1, 1995.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information

is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters.

Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a

local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls.

A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

order line (800)438-8155

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.
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3333. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:06:18 UTC
From: parnass@att.com
Message-ID: <D5HJ6I.3pB@ssbunews.ih.att.com>
Source record: 260202
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

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BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
part on CDROMS, in bulletin boards, networks, or
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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the 1968 vintage Bearcat BCH, BCL, and BCU models, did not provide individual channel lockout capability. Electra didn't use the term "scanner" and instead called these innovative radios "business receivers." Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

Keyboard Programmable Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and older scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 400 channel Radio | Shack PRO-2005 and PRO-2006, the Uniden/Bearcat BC9000XLT, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

For portable use, I prefer the Radio Shack PRO-43 and | Uniden/Bearcat BC3000XLT.

Obtaining Crystals

If you do purchase a crystal controlled scanner or monitor receiver, you will probably want to buy more crystals to cover local frequencies.

Scanner crystals may be ordered from your local Radio Shack store or from one of the companies below. Be sure to specify the operating frequency you want and the brand and model of scanner.

Some companies may ask you to send a schematic of the scanner or require more detailed information, like series or parallel resonance, load capacitance, etc.

American Crystal Co.
1623 Central Ave.
Kansas City, KS 66102
tel. 913-342-5493

Bomar Crystal Company
201 Blackford Ave.
Middlesex, NJ 08846
tel. 908-356-7787

Cal Crystal Lab Inc.
1142 N. Gilbert St.
Anaheim, CA 92801
tel. 714-991-1580

International Crystal Mfg Co.
11 N. Lee Ave
Oklahoma City, OK 73102
tel. 405-236-3741, 800-725-1426

Jan Crystals
Box #-6017
Fort Myers, FL 33911
tel. 813-936-2397

Monitor Crystal Svc
124 W Walnut St Watseka, IL 60970

tel. 815-432-5296

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be installed within the radio at the same time. Two crystal

filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store feature extremely useful for finding federal frequencies.

Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives 10 meter fm and all of 6 meters, as well as federal

portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC860XLT (Uniden): 100 channel table top unit. Can lock | out 10 channels during search. Good performer except for | images. |

BC890XLT (Uniden): Same as Radio Shack PRO-2036. Tuning | knob. 200 channels, global delay. Count, AUX, and Auto | Store features. Scans and searches fast. Accepts optional | CTCSS board. Dual conversion with 10.8 MHz first IF -- | lots of images and birdies. Prone to severe intermod, | especially when used with an outdoor antenna. |

BC9000XLT (Uniden): High quality base using up-conversion. | 500 channels in twenty banks. Tuning knob. Selectable AM, | NFM, WFM modes. Very fast scan and search. Can lock out | 50 channels during search. Delay and attenuator | independently programmable for each channel. Effective | Auto Store feature stores unique frequencies. |

BC100XLT (Uniden): Very good 100 channel portable with 10 | priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Very good 200 channel version of | BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

BC2500XLT (Uniden): 400 channel portable with tuning knob. | Plagued by intermod and images. Early units drained | batteries quickly even while turned off.

BC3000XLT (Uniden): Excellent 400 channel portable. Up | conversion. Very fast scan, search, and intelligent Auto | Store. Mode, attenuator, and delay settings programmable | for each channel. |

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up at hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance

difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO-2035: Radio Shack's 1995 top of the line 1000 channel | base scanner. Cumbersome 100 channel bank size. Tuning | knob. Poor dynamic range. 10 linkable search banks. Dumb | Auto Store feature stores the same frequencies over and | over. |

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2022: Base/mobile scanner. Like the PRO2021 but includes the 800 MHz band. Cellular images throughout the 847.6 - 869 MHz range. Includes power saver circuit, odd for a base unit, which can clip the first part of a transmission.

PRO2036: Same as Uniden/Bearcat BC890XLT. Tuning knob. | 200 channels, global delay. Scans and searches fast. | Count, AUX, and Auto Store features. Accepts optional | CTCSS board. Dual conversion with 10.8 MHz first IF -- | lots of images and birdies. Prone to severe intermod, | especially when used with an outdoor antenna. |

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers. |

PRO62: Good portable 200 channel scanner using up | conversion. Similar to PRO-43 but no military air band, | different upper frequency limit, and slightly different | IFs. Selectable AM/NFM modes. Better intermod immunity | than PRO-43. |

PRO43: Good portable 200 channel scanner using up | conversion. Covers military air band. Selectable AM/NFM | modes. Intermod in 160 - 162 MHz railroad band.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different from the common series resonant crystals used in Regency and Radio Shack scanners. Some Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e., no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an

optional NiCd battery pack and charger which bolted to the rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar #chan- VHF VHF UHF lock-
Model nels low high scans? outs?

FR104 6 X no
FR105 6 X no
FR2512 24 X no
FR2513 24 X no
FR2514 8 X yes no
FR2515 8 X yes no
FR2526 10 X yes yes
FR2526 10 X X yes yes
FR2528 10 X X yes yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

Plectron and Motorla Alert Monitor Receivers

In the 1960s and 1970s, thousands of firemen and ambulance squad members came to rely on their transistor Plectron and Motorola Alert monitor receivers. They have now been replaced by portable pagers, and are often available at hamfests in the $5 - $25 range. Since many are in rough condition and need repair, a hamfest special is better suited for hobbyists who like to fix their own radios.

Plectron and Motorola Alert crystal controlled receivers are excellent for dedicated monitoring of local frequencies

-- a task for which you wouldn't want to tie up your 400 channel programmable scanner. These radios are fixed channel units and do not scan. They can be powered form 117VAC or 12VDC with the proper mobile cord.

The audio quality on a Plectron P1 or 700 series is far better than any consumer grade scanner and the sensitivity and intermod immunity is outstanding if aligned properly. The Plectron 500 series is less desireable. The Motorola Alert monitors are pretty good, although the audio lacks bass.

No single Plectron or Motorola Alert monitor can cover the entire 30-50 MHz band, and there were versions optimized for each portion of the band. There were different "split" models to cover segments of VHF-hi band, too. Although UHF versions were made, they are somewhat rare.

Both brands of receiver require special crystals. I sometimes use Radio Shack's generic 3rd overtone scanner crystals in the Plectrons but they oscillate on frequencies far away from their marked frequencies. That's because the Plectron oscillator is designed to be used with a crystal which oscillates on its fundamental, not overtone, frequency.

If you find the squelch on your Plectron 700 series receiver has too much hysteresis, replace R96, a 180K resistor, with a 560K resistor. On the P1, the resistor is designated R81.

Parts for Plectron receivers are available from:

Plectron
Plectron Place
P.O. Box 960
Imboden, Arkansas 72434

telephone 1-(501)869-2877
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Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3334. Black Jaguar Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:08:00 UTC
From: <>
Message-ID: <8A58224.01F4000052.uuout@firstdue.uu.holonet.net>
Source record: 260203

```
From: simon.john.smith@woodybbs.com (Simon John Smith)
Path: holonet!colossus.holonet.net!wwswinc!simon.john.smith
Distribution: world
Message-ID: <93.4605.7592.0NFB9907@woodybbs.com>
Date: Wed, 15 Mar 95 09:08:00 -0500
Organization: WoodyWare Software, Inc. - 516-736-6662
Lines: 14
```

Hello All !!!
.
I am trying to gian info about the above mentioned unit. GOOD, BAD
or otherwise.
.
I also like info on any mods for this unit.
.
I thank you in anticipation.
.
Simon Smith
Newbury College
SJSMITH@radshack.demon.co.uk
---
* Origin: The CQ Centre BBS 01753 595468 & 593524 (2:252/320)

Cam-Mail v1.40:

3335. Black Jaguar Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:08:00 UTC
From: simon.john.smith@woodybbs.com
Message-ID: <93.4605.7592.0NFB9907@woodybbs.com>
Source record: 260204

Hello All !!!
.
I am trying to gian info about the above mentioned unit. GOOD, BAD
or otherwise.
.
I also like info on any mods for this unit.
.
I thank you in anticipation.
.
Simon Smith
Newbury College
SJSMITH@radshack.demon.co.uk
---
* Origin: The CQ Centre BBS 01753 595468 & 593524 (2:252/320)

3336. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:27:25 UTC
From: mgfleury@netcom.com
Message-ID: <mgfleuryD5HK5p.2vq@netcom.com>
Source record: 260208

Some states do not care if they violate federal law or not. They figure until someone has the big bucks to have a lawyer spend years in court, they can collect fines from the common person. Bad scanner laws are only one instance of these actions.

3337. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:32:25 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950315062446.6573B-100000-100000@holmes.ece.orst.edu>
Source record: 260207

On 15 Mar 1995 chrisQ@ix.netcom.com wrote:

> stationary) Radar signals (Rf) travels at a constant speed of of 1 mile
> in 6.18 microseconds. So the circuitry in the gun starts a timing
> circuit when the gun fires and times the length until the pulse returns.
> This would be for a unit that was not in motion, cop parked.
>
> For a car in motion the gun sends out 2 pulses, one a little off to the
> side of the car to bounce of a stationary object on the side of the road
> to tell the gun how fast the cop car is moving thus determining the
> doppler shift caused by the cop car movement. Then the second pulse
> bounces off the target car and that doppler shift and the one from the
> cop car are mathmatically figured to determine the target car speed.
>
> Just what I have found out in my 7 years of being a radar tech. Which
> has come in handy in beating a radar ticket in court! The cops know how
> the gun works, Radar techs, know how and why so WE are the experts in
> this area. Your tax dollars hard at work! Strange that now I going to
> be a cop. Oh well.

I hate to tell you, but, they work on Doppler shift. They use a CW beam
and you reflected signal is comapred against the original signal. Moving
radar has two beams, one is a High beam thats offset to track you the
victim, and the low beam thats pointed straight ahead and measures
vehicle speed. A nice FM Sawtooth signal centered on the radar freq jams
em quite well. Makes your speed go from -200 MPH to +200 MPH in about 2 sec.
Us countermeasure techs know this. A lot of the guns have a feature
called Doppler Audio, basically it converts the reflected signal into a
tone. The higher pitched the tone, the faster you are going.

3338. Re: Modifying RS PRO-2004

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:39:42 UTC
From: olsend@popmail.dyess.af.mil
Message-ID: <1995Mar15.064302.2348@bbs.sd68.nanaimo.bc.ca>
Source record: 260211

>I have a RS PRO-2004 and would like to do some mods. I have seen
>reference to several (memory chip change etc.) and would like
>some specific information. It there a good ftp site with this
>information or can somebody e-mail it to me?

Try FTP://oak.oakland.edu/pub3/hamradio/mods/tandy for the mod files,
I took a quick look and there are two files there (don't know what's in
'um though).

Later,
Don Olsen

3339. Re: Don't expect privacy on cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:43:39 UTC
From: delaney@j51.com
Message-ID: <3k6uer$2tl@tzlink.j51.com>
Source record: 260113

It's now illegal though, so that would be against wiretapping laws now..

Ron (RSC@sruvm.sru.edu) in article ve <1736011680S86.RSC@sruvm.sru.edu> on Mon, 13 Mar 95 19:48:16 EST wrote:
: This article was in tonights newspaper, thought you'd like it:
:
: "DON'T EXPECT PRIVACY ON CORDLESS PHONE"
: By "The Arizona Republic", Tucson, Ariz.
:
: "Drug dealers and everybody else should know not to expect privacy
: when they talk on cordless telephones, the Arizona Court of Appeals
: says.
:
: In a unanimous decision, the court's Tucson division has rejected
: Ana Patricia Duran's argument that a search of her home, during which
: large bags of marijuana and drug paraphernalia were discovered, was
: based on an illegal wiretap.
:
: Police got a search warrant after Duran's neighbor, an off-duty
: sheriffs deputy, intercepted her cordless-phone conversations with
: his radio scanner.
:
: Duran later was found guilty in Pima County Superior Court of
: possession for sale of marijuana and was sentenced to five years in
: prison. She appealed, arguing that the search of her home violated
: wiretap laws and, therefore, the evidence found could not be used
: against her.
:
: Wiretap statutes protect wire, electronic and some oral communications
: from unauthorized interceptions. Under the law, the radio waves between
: a cordless-telephone handset and its base are not considered wire
: or electronic communications.
:
: Based on the widespread use of cordless phones and the common knowledge
: of how they work, Duran had no reason to believe that her talks would be
: confidential, the court said in its Feb 28 opinion."

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

3340. Re: PRO-43 case available?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:49:53 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-150395065005@earl.llnl.gov>
Source record: 260206

In article <3k6gfo$gpe@newsbf02.news.aol.com>, jrosariojr@aol.com
(JRosariojr) wrote:
>
> Radio shack sell a leather case for the pro-62 that fits the 43.

A custom leather PRO-43 case (and others) are available from Howard
Bornstein. His CompuServe address is: 76174.637@CompuServe.COM

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@aol.com
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551

3341. Re: S.E. Mich. Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:53:50 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3k6v1u$kh1@umcc.umcc.umich.edu>
Source record: 260210

In article <022431HVMNHYOAPONIKF@industry.org>, <wolfman@industry.org> wrote:
>
>Im looking for anyone who has freqs. for macomb county area, in
>michigan. Im looking for state police, macomb county sherrif, medstar
>ambulance..and what ever else you have ta offer..
>Please e-mail me anything you can, Thanx
>
>Wolfman@industry.org
>
>
>--
>-> Origin: D&M Services, Inc. - Detroit, MI
>-> For more Info, e-mail info@industry.org
>-> (810)-783-2100 Customer Support
>-> (810)-949-0109 (I)ndustry BBS
>

Not meaning to sound crude or rude, but how about a copy of "Police Call"
for $9.95 from Radio Shack? It's got Michigan and Ohio public safety
frequencies in it. It's really a cheap investment and it's handy to have
around for those times when you forget freq's.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3342. A bc2500 what is it?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 14:54:51 UTC
From: jeffpmil@aol.com
Message-ID: <3k6v3r$iag@newsbf02.news.aol.com>
Source record: 260209

the BC2500 is a 25mhz to daylight scanner. 400 channels. 800 mhz enabled?

Public/private okay
Be seeing you,
Number 6

3343. Re: Listeneing to shuttle

Newsgroup: rec.radio.scanner
Date: 1995-03-15 15:16:57 UTC
From: joep@bear.com
Message-ID: <40643@ursa.bear.com>
Source record: 260094

BOB DUNN, CONTROLLER'S OFFICE (rdunn@sallie.wellesley.edu) wrote:

: Anyone know where to tune for the Shuttle in the Boston area
I'm in northern New Jersey and have heard the shuttle and Mission Control
on 146.61Mhz

Hope this helps...
Enjoy,

Joe
--
p
|
_|_
|SSN|
. |698|
|\ ~~~~~~
| \ / joep@bear.com \
| \ / Opinions are all mine. Flames to the bilge \
%|-- +~~~~~~)
| / \ Living the American Dream I helped preserve /
| / ____/
|/
'

3344. Re: Pro-51 - Any "beep" mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 16:05:30 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <3k738a$acp@cmcl2.NYU.EDU>
Source record: 260090

In article <3k57b9$bca@scipio.cyberstore.ca> Bob Cotter <bob@advantage.com> writes:
>Is there a mod which will remove the beeping noise when the keypad is
>pressed...
>
>My wife says it is like hearing the tap drip at night when I am scanning
>with earplug on <g>...
>
>Bob

Hope this helps.
-moy

=== Repost ===

Hello fellow scanbots,

The following describes how I modified a PRO-51 to get rid of that
awful beep. With this change, you won't be able to hear the low
battery warning, either. I came up with this independently after
failing to discover anything on the PRO-51 in the net.archives.

This procedure should void your warranty and may wreck your radio.
Neither I nor my employer assume any responsibility for any damages
you or anyone else may incur from this information!

==Radio Shack PRO-51 modification to remove !!BEEP!!==

This change was performed successfully on a unit coded "11A3."
The CPU in this unit was marked "Uniden UC1581." Use the
following information at your own risk!

Orientations are with the set flat on a work surface, LCD display
facing down, with antenna BNC and knobs facing away from yourself.

As with any electronic instrumentation, remove all power and take
all necessary precautions to prevent damage from electrostatic
discharge (ESD).

CAUTION:

Be aware that parts of the circuitry will *still* be powered!
There is a capacitor on the digital board that keeps the channel
memory alive. This capacitor may contain enough energy to damage
the electronics should a short occur.

Opening Case

Fortunately, this set is very easy to open. Open battery compartment and remove batteries. Remove four screws: two straddle the sticker on the back of the cabinet, two others at the upper part of the battery compartment. There are two small plastic detents at the floor of the battery compartment. They are directly downwards from the "-" and "+" legends, which are molded on an extension of the removable back. These detents will need to be unhitched to allow the back to separate from the front. Pull back off gently.

Remove RF board

The RF board is attached to the top panel, which contains the volume and squelch controls and the antenna connector. At this point, the board is essentially free and will separate from the rest of the set when the header connector at the lower right is pulled apart. This header provides electrical connections between the two boards. Lift the RF board straight out, exposing the CPU board.

Remove shield from CPU board

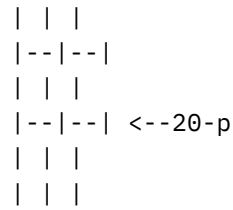
The metal shield is held by four screws. The same screws also fasten the board, which forms part of the keyboard, to the front of the case. Remove screws and lift the shield straight out. Remember the correct orientation of the shield. Do not allow CPU board to come out of case. DO NOT drop any hardware on to this board, nor allow the shield to contact any of the components.

Cut circuit trace

The ASCII diagram below illustrates the area covered by the lower right corner of the shield that was just removed. Cut the trace that leads to the center one of three plated-through lands. Take care not to damage any components or other traces. Do not put excessive force on board. Remove any metal particles before re-assembly.

```
| |
[104] | |
| |
| |
[103] \ \
x | <--cut trace at "x"
| |
[102]--(o)(o)(o) <--three plated-through lands in a row

^ (O)--\ <--single, larger land
| |
| |
| +-----+ |
| | | |
|--|--|
three chip | | |
resistors |--|--|
```



Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

Hello fellow scanbots,

Radio Shack PRO-51: Modification to shorten squelch tail

This change was performed successfully on a unit coded "11A3." The CPU in this unit was marked "Uniden UC1581." Use the following information at your own risk! Neither I nor my employer are responsible for any damages you may incur from this information!

Orientations are with the set flat on a work surface, LCD display facing down, with antenna BNC and knobs facing away from yourself.

As with any electronic instrumentation, remove all power and take all necessary precautions to prevent damage from electrostatic discharge (ESD). This modification requires fine soldering and familiarity with surface mount devices.

CAUTION:

Be aware that parts of the circuitry will *still* be powered! There is a capacitor on the digital board that keeps the channel memory alive. This capacitor may contain enough energy to damage the electronics should a short occur.

Parts required: One 1/10th watt carbon resistor, 100K to 220K. Value is not critical. A lower value shortens the time the squelch remains open after incoming signal stops. The resistor should physically as small as possible.

Opening Case

Fortunately, this set is very easy to open. Open battery compartment and remove batteries. Remove four screws: two straddle the sticker on the back of the cabinet, two others at the upper part of the battery compartment. There are two small plastic detents at the floor of the battery compartment. They are directly downwards from the "-" and "+" legends, which are molded on an extension of the removable back. These detents will need to be unhitched to allow the back to separate from the front. Pull back off gently.

Remove RF board

The RF board is attached to the top panel, which contains the volume and squelch controls and the antenna connector. At this

point, the board is essentially free and will separate from the rest of the set when the header connector at the lower right is pulled apart. This header provides electrical connections between the two boards. Lift the RF board straight out, and set the rest of the radio aside. Flip RF board over, keeping BNC pointing away from yourself.

Add resistor

Refer to the ASCII diagram below. Bend one of the resistor leads close to the body of the resistor so that the resistor forms a hairpin shape. Trim leads and solder the new resistor in parallel with the chip resistor marked "105." The latter is positioned between the two surface-mount IC's towards the bottom of the RF board. Press the new resistor parallel to the circuit board, making sure there are no shorts.

```
+------------+
[101] | |
| |
[684] | NJM2090V |
| |
[224] | |
+------------+
[ ] [ ] [ || ]

[225] [105] [123]
| |
| +-+
| |R| <---add resistor: 100K - 220K
| +-+
\_/ +------------+
| |
| |
| TK11900M |
| |
| |
+------------+
```

Thanks to Bob Parnass for clarifying the nature of the "squelch tail" problem and for inspiring me to figure out this modification.

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

3345. Re: PRO43 BATT DRAIN?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 16:31:04 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6838@rook.ukc.ac.uk>
Source record: 260215

> D> Has anyone else had the problem of their pro43 draining the batteries
> D> while the unit is off? I've been messing w/ one that is doing this and
> Have you been able to actually measure current while the unit is off?
>

Are we talking about the natural and irritating of Nicads to just discharge over time here, or the scanner using power to maintain its memories when switched off? I would suspect the latter is not much, since I sometimes leave my Pro39 for days without any power source applied and the memories remain intact.
I heard something like it must actually be switched "OFF" or problems arise...

3346. Amateur Raynets

Newsgroup: rec.radio.scanner
Date: 1995-03-15 16:32:39 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6839@rook.ukc.ac.uk>
Source record: 260216
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

What are ham "Raynet Channel"s??

3347. Re: BC200XLT Mod question

Newsgroup: rec.radio.scanner
Date: 1995-03-15 16:37:14 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6840@rook.ukc.ac.uk>
Source record: 260217

In article <3jddp7$5lk@vixen.cso.uiuc.edu>,
Frank P. Orlowicz <fporlowi@prairienet.org> wrote:
>I don't know about the mod but I use a Radio Shack center loaded
>telescoping scanner whip antenna 20-006 was $9.99 in the old catalogue.
>It doesen't help on the high frequencies but it realy helps out on the low
>end.

I have found that in the 380MHz band and above that the rubber duck is
not much worse than the telescopic. THe telescopic picks up quite a few
bits and pieces in the 137-174 band that the duck just misses, mainly
PMR stuff.
I haven't had much luck in the Lo band (68-88). I am not sure whether the
telescopic should be fully extended or whether the bit above the loading
coil should be collapsed....

3348. Re: Stanford (Palo Alto) Police Channel 4

Newsgroup: rec.radio.scanner
Date: 1995-03-15 16:40:17 UTC
From: dgoodman@aol.com
Message-ID: <3k759h$jfl@newsbf02.news.aol.com>
Source record: 260212

According to my listings, channel 4 output is 483.5625.

Danny Goodman

3349. Re: Listening to the shuttle...

Newsgroup: rec.radio.scanner
Date: 1995-03-15 16:40:35 UTC
From: romulus@escape.com
Message-ID: <3k75a3$2hv@beyond.escape.com>
Source record: 260213

Greg_M (an132339@anon.penet.fi) wrote:

: In the Long Island, NY area, What frequencies can space shuttle voice on?
: Also, when is the most active time to hear this.Thanks in advance.
: ----------
: To find out more about the anon service, send mail to help@anon.penet.fi.
: Due to the double-blind, any mail replies to this message will be anonymized,
: and an anonymous id will be allocated automatically. You have been warned.
: Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

The frequency is 146.61, enjoy, It's on usually in the morning and then
after 2:00pm. enjoy!

3350. Re: scanners on US Air

Newsgroup: rec.radio.scanner
Date: 1995-03-15 17:02:24 UTC
From: valleyj@polaris.net
Message-ID: <3k76j0$err@nexus.polaris.net>
Source record: 260220

Darwin Teague (darwin@dorite.use.com) wrote:
: I'm planning on flying via US Air. Any ideas how they feel about using
: scanners on the plane now?
: Also, could I carry an HT on the plane (I have no plans to use it while
: anywhere near a plane)?

NO. Don't start this thread again. Please!

--
Jeffrey M. Valley
valleyj@romulus.housing.fsu.edu
valleyj@polaris.net

3351. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 17:05:00 UTC
From: <>
Message-ID: <8A582D5.01F4000003.uuout@firstdue.uu.holonet.net>
Source record: 260214

```
Path: holonet!colossus.holonet.net!news.sprintlink.net!cs.utexas.edu!uunet!in1.uu.net!iglo
u!iglou.iglou.com!davidm
From: davidm@iglou.com (David Michael Moore)
Subject: Re: Outlawed Scanners
Message-ID: <jVjPlK7gX1uL079yn@iglou.com>
Originator: davidm@iglou.iglou.com
Lines: 57
Sender: news@iglou.com (USENET News Administrator)
Organization: IgLou Internet Services
References: <3k48n0$s26@vixen.cso.uiuc.edu> <D5FsKs.AIu@world.std.com>
Date: Wed, 15 Mar 1995 12:05:01 GMT

In article <D5FsKs.AIu@world.std.com>,
gdallal@world.std.com (Jerry Dallal) wrote:

> Fran Olson (folson@prairienet.org) wrote:
>
> : ----------------------------------------------------------------
> : Hello to all: I just thought I would try and explain to you that
> : there is no such thing a No-Code at least the FCC don't call it
> : that as of right now.
>
> : A technician class is actually split two ways.
> : 1. technician without code can only work 50 MHz and higher.
> : (no low band)
> Sounds like "no-code" to me.

Technically he is right, but it is a minor point. The "official" names of
the licenses are "Technician" (this is the one where you don't take a code
test), and "Technician Plus" (this is the one where you do take the code test).
There is no license that is officially known as "No-code Tech(nician)", "Tech
Lite", or half a dozen various other slang names for what officially is called
"Technician".

> : Amateur Radio operators are exempt in most states because amateur
> : radio plays a big part in disasters of all sorts.
>
> Actually, it's because
> Federal law takes precedence over State law. The
> states have to be very careful about passing laws that would interfere
> with the federally established amateur radio service.

Well, not quite on this one either folks. The FCC did issue an order that
says hams are exempt from all state and local scanner laws, but only for
ham transceivers that also receive public service frequencies. It does not
apply to scanners, and both the FCC and the ARRL have stated this several
```

times. And before anyone asks, no, a handy-talkie attached to the top of a scanner with duct tape does not make the scanner a transceiver. Also, the FCC did not pass this ruling until late 1993 or so. The last states that did not exempt hams changed their laws in 1992, so for all intents the FCC ruling has no effect at the state level (and before the trivia buffs ask, the last two states with scanner laws that forbid mobile operation of scanners to exempt hams were Kentucky and New Jersey, and both were changed in 1992).

As someone else stated before, the main reason states changed their laws, and the reason the FCC issued its ruling, was because almost all 2 meter radios sold also have the capability of monitoring public service frequencies in the VHF range (the only one I can think of off hand that won't is the Radio Shack HTX-202). Until the laws were changed, this technically made most ham operators into violators if they had a 2 meter ham radio inside their car. And even after the states with scanner laws changed theirs, there are still a number of cities and counties that have scanner ordinances on the books, hence the need for the FCC ruling.

David KD4RMW
davidm@iglou.com

• Cam-Mail v1.40:

3352. Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-15 17:06:09 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <3k76q1$dcl@mozo.cc.purdue.edu>
Source record: 260218

Just wondering if there are any military aviation scannists out
there (especially midwest) that have noticed a considerable upsurge
in communications in the 200-400 MHz bands lately.....

There has been considerable aerial refueling going on in my area lately,
and I get the feeling (without directly revealing the contents of what
I've heard, just a "feeling") that - as the phrase goes, and no pun
intended - something is up.

Rather than getting into gory details here, anyone in the midwest (Missouri,
Illinois, Indiana, Ohio areas) who does this, please feel free to
email me for discussion. Others who listen in other areas and have noticed
any similar upsurge in the last month may also feel free to email
me.

I *do* think it is a discussion best kept OUT of the newsgroup.

Duane

3353. Re: Outlawed scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 17:22:44 UTC
From: billsohl@earth.planet.net
Message-ID: <3k77p4$33b@jupiter.planet.net>
Source record: 260124

Darwin Teague (darwin@dorite.use.com) wrote:
: : >The original intent here is that many ham transceivers also can receive
: : >public service frequencies. THIS is the real reason that many states
: : >exempt hams from scanner laws.

: : I believe that you'll find that ham's aren't exempt with regards to just
: : scanners. They can have ham gear that scans, but not scanners. They
: : aren't exepmt.

Those states that have "scanner" bans (they actually don't
ban scanners, they ban receivers capable of receiving police),
fully exempt hams regardless of the equipment being used.

: No, at least in Indiana, the law is in reference to receivers that can
: pick up police calls, and specifically exempts persons holding a ham
: license. I think a lot of states are like this.

True.

: The FCC says that no state can outlaw a ham transceiver that picks up
: police freqs, but does NOT address scanners.

True, but an argument could be made that a scanner in conjunction with
any other transmitting equipment does constitute a transceiver.
No one has tried that, yet I've not heard of anyone having to use
the FCC preemption yet as those states with the problem laws all
exempt hams completely.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

3354. Re: HELP *** HELP *** OSU Police frequency Wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-15 17:40:13 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <3k78pt$gr5@acme.freenet.columbus.oh.us>
Source record: 260221

Your Name (username@osu.edu) wrote:
: I am trying to get the frequency or frequencies that The University Police
: at Ohio State University use.

: If anyone knows it please share it with me!

: Thank you

They are on 800 MH truncked now, effective about 3 months ago. I don't
have the frequencies yet, although I should have a STX programmed for it
shortly. I'll pass them on as soon as I see them, or try searching.

73....
--
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7

3355. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 17:40:38 UTC
From: billsohl@earth.planet.net
Message-ID: <3k78qm$33b@jupiter.planet.net>
Source record: 260026

David Michael Moore (davidm@iglou.com) wrote:
: In article <D5FsKs.AIu@world.std.com>,
: gdallal@world.std.com (Jerry Dallal) wrote:

: > : Amateur Radio operators are exempt in most states because amateur
: > : radio plays a big part in disasters of all sorts.
: >
: > Actually, it's because
: > Federal law takes precedence over State law. The
: > states have to be very careful about passing laws that would interfere
: > with the federally established amateur radio service.

: Well, not quite on this one either folks. The FCC did issue an order that
: says hams are exempt from all state and local scanner laws, but only for
: ham transceivers that also receive public service frequencies. It does not
: apply to scanners, and both the FCC and the ARRL have stated this several
: times.

I haven't seen any FCC statement to that effect. The actual FCC
order/ruling contained no definition as to the use of the word
"transceiver." The position of the ARRL is irrelavent as they
are not a governing body for FCC regulations.

: And before anyone asks, no, a handy-talkie attached to the top of a
: scanner with duct tape does not make the scanner a transceiver.

I think it'd be more prudent to suggest that no challenge has been
made based on such a possibility. Since ham equipment can be
home/brew (i.e. home-made) the co-packaging of a scanner and some
type of ham transmitting equipment in something more than duct-tape
would seem to pass the test of being a transceiver. Nothing in
the FCC notice stated that only a transceiver made commercially
was to be the definition of "transceiver."

: Also, the
: FCC did not pass this ruling until late 1993 or so. The last states that
: did not exempt hams changed their laws in 1992, so for all intents the FCC
: ruling has no effect at the state level (and before the trivia buffs ask, the
: last two states with scanner laws that forbid mobile operation of scanners
: to exempt hams were Kentucky and New Jersey, and both were changed in 1992).

True, and here in New Jersey the law was totally changed and anyone
can now have a mobile scanner in their vehicle, not just hams.

: As someone else stated before, the main reason states changed their laws, and
: the reason the FCC issued its ruling, was because almost all 2 meter radios
: sold also have the capability of monitoring public service frequencies in the

: VHF range (the only one I can think of off hand that won't is the Radio Shack
: HTX-202). Until the laws were changed, this technically made most ham
: operators into violators if they had a 2 meter ham radio inside their car.

Actually, most of the states with ham exemptions have exempted
hams for many years because the hams in those states pressed their
legislatures for the exemption, usually based on community service,
etc.

: And even after the states with scanner laws changed theirs, there are still
: a number of cities and counties that have scanner ordinances on the books,
: hence the need for the FCC ruling.

True, but there is little (none) apparent effort to press those
laws against any hams so far, even before the FCC notice.

Bottom line, if you live in one of the "oppressed" states that
don't allow scanners in cars, get a ham license and buy one of
the several possible ham rigs that include full receive coverage.
One possibility is the ICOM 2SRA (2 meter transmit, receive from 25MHz
all the way to 1300MHz, older units include full cell phone coverage
too, but of course listening there is illegal:-)

Cheers,
--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

3356. Standard Radio Users?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 18:02:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <967_9503152203@chigate.fidonet.org>
Source record: 260122

-=> Quoting Ken@mitre.org to All <=-

Ke> Anyone out there using a Standard (brand) amateur radio for scanning?
Ke> I have a
Ke> C5718DA which has amazing wide coverage, including 800MHZ (less
Ke> cellular), and
Ke> like it very much. Would like to compare notes with other users.

Hi, Ken...

While I don't use my Standard C558A exclusively for scanning, I do use it from time to time for that purpose. Has excellent sensitivity with out any hint of intermod. The use of the CTCSS decoder in the radio is excellent.

Now, if Uniden or Radio Shack could get this kind of sensitivity without intermod and include CTCSS in a portable, I know people would be lining up to get one.

Jerry, N9YTH

___ Blue Wave/QWK v2.12

3357. Re: AM Broadcast on scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 18:18:54 UTC
From: SWassell@sv.span.com
Message-ID: <795316734snx@sv.span.com>
Source record: 260099

In article <gregjo-0803951430100001@pcgjohnson.orem.novell.com> gregjo@wordperfect.com (Greg Johnson) writes:
>I'm a dangerously radio-challenged person with a simple question:
>How come I can pick up standard AM broadcasts with a transistor
>radio, yet can't hear a thing with my scanner? (example 1160 Khz).
>I can pick up some shortwave stations by chucking a long wire out
>my window, but nothing in the standard AM band. What does the
>transistor radio have that my scanner doesn't? (I can get standard FM
>broadcasts as well as TV audio).
>Thanks.

The important thing is the resonant length of the aerial - lower frequencies = longer wavelengths = longer aerial. So, listening to that freq you'd theoritically need a wire aerial about 300/1/4 = 75 metres long.

What a standard AM radio does, though, is use wire coiled around a ferrite core (a non-conducting magnetic substance) which then has the same resonance as that 75m long aerial, and can therefore pick up the same frequencies.

So, to pick up AM broadcast band you could either get a 75m long garden, or find a spare ferrite coil and attach it to the antenna socket somehow.

I haven't tested either of these, but it might work. Worth a try?

_____ __ __
/ ____)\ \ / / from Stephen Wassell Oh, what sad times are these
____ \ \ \/\/ / SWassell@sv.span.com when passing ruffians can say
(_____/ _/_/ Try coopers.wad! "Ni" at will to old ladies.

3358. first scanner question

Newsgroup: rec.radio.scanner
Date: 1995-03-15 18:27:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <98e_9503171130@chigate.fidonet.org>
Source record: 260106

-=> Quoting Rogue@indirect.com to All <=-

Ro> hello all, i have read the FAQs, and i still have a question that
Ro> maybe someone out there can answer. i am looking for recommendations
Ro> for a low cost, easily cellular modifiable, handheld scanner. from
Ro> reading the FAQs, and popular communications, two models have stood out
Ro> so far, the bearcat 220xlt, and the realistic pro-34. are there any
Ro> others as good or better than those for less than $200, and if i buy a
Ro> brand new one off of the shelf, will i be able to modify it with plans
Ro> i have obtained from the ftp sites and various cd-roms?

The 220 from Uniden is not modifiable. However, I have heard that you
can receive the transmissions via the image method. I believe adding 21.6
Mhz (give or take .1 or .2 Mhz) will get the channels, though not all of
them.

The '34 is modifiable, but is no longer available.

Jerry

___ Blue Wave/QWK v2.12

3359. Re: Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-15 18:31:21 UTC
From: horak@convex.com
Message-ID: <3k7bpp$lun@eugene.convex.com>
Source record: 260222

In <D5GCID.MxA@zimmer.CSUFresno.EDU> kjk00@mondrian.CSUFresno.EDU (Ken Koller) writes:

>In article <Pine.ULT.3.91.950314122904.23946D-100000@rodeo.uwyo.edu>,
>Bishwa Shrestha <bishwa@rodeo.uwyo.edu> wrote:
>> I have been listening to air com. especially from Denver Airport
>>in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
>>However, I am only able to receive one side of conversation, usually the
>>pilot. I use PRO-39 with its built in antenna. Do I need to use the
>>outdoor antenna to receive both side of conversation?
>> My location is around 200 miles(?) north of Denver, in Laramie,
>>Wyoming. Any response would be appreciated. BTW, we can also exchange
>>some of the frequencies.

>Knowing Denver airport, thier Tower probably doesn't work.

Hahahahaha. Seriously, the reason you can hear the airplane side of
the conversation is because their antennas are mounted several thousand
feet in the air :-) Even an outdoor antenna will not enable you to hear
the ground side of the conversation since you are 200 miles away.

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3360. Re: Pro-51 - Any "beep" mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 18:34:50 UTC
From: horak@convex.com
Message-ID: <3k7c0a$m9o@eugene.convex.com>
Source record: 260223

In <3k57b9$bca@scipio.cyberstore.ca> Bob Cotter <bob@advantage.com> writes:

>Is there a mod to remove the beeping noise when the keypad is pressed?
>My wife says it is like hearing the tap drip at night when I am scanning
>with earplug on <g>...

Yeah, my X-wife *used* to say the same thing! ;-) Here is the mod
that may save YOUR marriage! ;-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

>From: moy@xp.psych.nyu.edu
>Newsgroups: rec.radio.scanner
>Subject: PRO-51 Mod: Removing Beep
>Date: 17 Sep 1994 21:57:45 -0500

Hello fellow scanbots,

The following describes how I modified a PRO-51 to get rid of that
awful beep. With this change, you won't be able to hear the low
battery warning, either. I came up with this independently after
failing to discover anything on the PRO-51 in the net.archives.

This procedure should void your warranty and may wreck your radio.
Neither I nor my employer assume any responsibility for any damages
you or anyone else may incur from this information!

==Radio Shack PRO-51 modification to remove !!BEEP!!==

This change was performed successfully on a unit coded "11A3."
The CPU in this unit was marked "Uniden UC1581." Use the
following information at your own risk!

Orientations are with the set flat on a work surface, LCD display
facing down, with antenna BNC and knobs facing away from yourself.

As with any electronic instrumentation, remove all power and take
all necessary precautions to prevent damage from electrostatic
discharge (ESD).

CAUTION:

Be aware that parts of the circuitry will *still* be powered!
There is a capacitor on the digital board that keeps the channel
memory alive. This capacitor may contain enough energy to damage
the electronics should a short occur.

Opening Case

Fortunately, this set is very easy to open. Open battery compartment and remove batteries. Remove four screws: two straddle the sticker on the back of the cabinet, two others at the upper part of the battery compartment. There are two small plastic detents at the floor of the battery compartment. They are directly downwards from the "-" and "+" legends, which are molded on an extension of the removable back. These detents will need to be unhitched to allow the back to separate from the front. Pull back off gently.

Remove RF board

The RF board is attached to the top panel, which contains the volume and squelch controls and the antenna connector. At this point, the board is essentially free and will separate from the rest of the set when the header connector at the lower right is pulled apart. This header provides electrical connections between the two boards. Lift the RF board straight out, exposing the CPU board.

Remove shield from CPU board

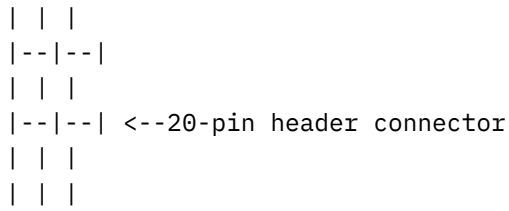
The metal shield is held by four screws. The same screws also fasten the board, which forms part of the keyboard, to the front of the case. Remove screws and lift the shield straight out. Remember the correct orientation of the shield. Do not allow CPU board to come out of case. DO NOT drop any hardware on to this board, nor allow the shield to contact any of the components.

Cut circuit trace

The ASCII diagram below illustrates the area covered by the lower right corner of the shield that was just removed. Cut the trace that leads to the center one of three plated-through lands. Take care not to damage any components or other traces. Do not put excessive force on board. Remove any metal particles before re-assembly.

```
| |
[104] | |
| |
| |
[103] \ \
x | <--cut trace at "x"
| |
[102]--(o)(o)(o) <--three plated-through lands in a row

^ (O)--\ <--single, larger land
| |
| |
| +-----+ |
| | | |
|--|--|
three chip | | |
resistors |--|--|
```



Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

3361. Re: scanners on US Air

Newsgroup: rec.radio.scanner
Date: 1995-03-15 18:37:49 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar15.183749.11401@news.csuohio.edu>
Source record: 260075

darwin@dorite.use.com (Darwin Teague) writes:
: I'm planning on flying via US Air. Any ideas how they feel about using
: scanners on the plane now?
:
: Also, could I carry an HT on the plane (I have no plans to use it while
: anywhere near a plane)?
: ---
: Dishheads, dishheads, roly poly dishheads!
: Lick a toad, go to jail.
: See Spot run. See Spot Dick Jane.
: ---
:

The USAir in-flight magazine says no to operating a scanner, or for
that matter, any radio receiver anytime on board the plane. I just
flew USAir last week. You can bring it on board but you cannot
operate it.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

3362. Wanted: DIA Airport freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-15 18:41:46 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar15.184146.11589@news.csuohio.edu>
Source record: 260076

Title says it all. Looking for things like DIA approach,
departure, ground, and tower frequencies.

Thanks,

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

3363. Tone Readers

Newsgroup: rec.radio.scanner
Date: 1995-03-15 19:03:50 UTC
From: seguine@sirius.com
Message-ID: <seguine-1503951102550001@slip167.sirius.com>
Source record: 260224
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've decided to get a tone reader to compliment my AOR8000. The two I've narrowed it down to are the Opto DC440 and the Universal M-400. The opto is cheaper and decodes CTCSS, DCS, and DTMF. I know what that stuff is and thats pretty much what I was looking for. The M-400 does that plus all this other junk: Baudot, Sitor, Swed, Fec-a, pocsag, golay, acars, etc. What is all that? The only ones I've heard of are pocsag/golay - aren't these pager standards?
The m-400 is a little more $$ and a little bigger so I'm trying to find out if any of those other protocols are worthwhile. Thanks for the info.

.....C$
Christopher Seguine Sublime Films
seguine@sirius.com San Francisco, CA

3364. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-15 19:27:00 UTC
From: <>
Message-ID: <8A58363.01F400001D.uuout@firstdue.uu.holonet.net>
Source record: 260077

Path: holonet!colossus.holonet.net!news.sprintlink.net!howland.reston.ans.net!ix.netcom.com!netcom.com!mgfleury
From: mgfleury@netcom.com (Mark Fleury)
Subject: Re: Outlawed Scanners
Message-ID: <mgfleuryD5HK5p.2vq@netcom.com>
Organization: NETCOM On-line Communication Services (408 261-4700 guest)
References: <3k48n0$s26@vixen.cso.uiuc.edu> <D5FsKs.AIu@world.std.com>
Date: Wed, 15 Mar 1995 14:27:25 GMT
Lines: 5
Sender: mgfleury@netcom18.netcom.com

Some states do not care if they violate federal law or not. They figure
until someone has the big bucks to have a lawyer spend years in court,
they can collect fines from the common person. Bad scanner laws are
only one instance of these actions.

• Cam-Mail v1.40:

3365. Re: ...police/fire radio jargon codes

Newsgroup: rec.radio.scanner
Date: 1995-03-15 20:08:11 UTC
From: Bruce Coensgen <bruce.j.coensgen@den.mmc.com>
Message-ID: <1995Mar15.200811.1165@den.mmc.com>
Source record: 260079

dg715@cleveland.Freenet.Edu (David Mark) wrote:
>

>
> radio codes weren't developed to keep scanner listeners from
> knowing what's happening...they were developed to keep communica-
> tions as brief as possible. It's much simpler to ask for a "27"
> or "10-27" than to ask for "license registration information."

And thus the reason that these "codes" are formally known as aural
brevity codes.

3366. Re: Scanner Earphone -> CD Input, SBlaster?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 20:14:04 UTC
From: slush@VOA.GOV
Message-ID: <D5I07G.6s7@VOA.GOV>
Source record: 260081

In article <woody.16os@portal.apana.org.au> woody@portal.apana.org.au (Terry Wood) writes:
>I have an Aor8000 which i use the earphone with a mono bud socket so i can
>hear my scanner clearly when driving which works quite well..
>
>Also, whats the go with say plugging the scanner into the MIC input of a
>Soundblaster 16 to digitize something thats being RX on the scanner?
>
Woody,
Don't use the MIC input of a soundcard....the output from a scanner's
earphone or tape outputs will be much too loud for the input, and will
distort badly. If you're using the earphone output, you'd have to turn
the volume WAY down to reduce the level enough...and there is no volume
control for a "tape" output.

Hopefully, your soundcard has a LINE input as well. This will easily
handle the input level from the scanner....no distortion...no problems.

Good listening!

Joe Gallagher (slush@voa.gov)
Due to budgetary considerations, the "Standard Disclaimer: BLAH, BLAH, BLAH"
has been reduced to "Standard Disclaimer: BLAH, BLA".

3367. BC100XLT Mod questions

Newsgroup: rec.radio.scanner
Date: 1995-03-15 20:24:49 UTC
From: abrant@ARL.MIL
Message-ID: <9503152019.aa27691@TBD2.ARL.MIL>
Source record: 260078

Hi all,

I just got a BC-100XLT scanner and want to do some mods.
The first one I would like to do is to the scanning speed,
in the mod file it said I will need a small crystal or
ceramic resonator in the 600-800 kHz range. Does anyone
have a source or part number for this item?
My next question is on fixing the low battery problem I
have, there seem to be 4 different fixes. Which one is best:

1. replace a diode and resistor (values are given in the mod file)
2. put a jumper across the diode
3. put a 6.8K resistor across the diode
4. remove the resistor and diode

I guess I will have to increase the mem. to 200 also:)

Thanks,
Andy <abrant@arl.mil>

3368. Looking for info. AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-15 20:51:48 UTC
From: "yetsko@pa881a.inland.com"@Inland.com
Message-ID: <01HO659OX6YQ8X32G4@RESEARCH.INLAND.COM>
Source record: 260082

```
Relay-Version: VMS News - V6.0-3 14/03/90 VAX/VMS; site inland.com
Path: pa881a.inland.com!yetsko
Newsgroups: rec.radio.info
Subject: Looking for info. AR1000XLT
Message-ID: <1995Mar15.154806.1@pa881a.inland.com>
From: yetsko@pa881a.inland.com
Date: 15 Mar 95 15:48:06 CDT
Organization: Inland Steel Company, East Chicago, IN
Nntp-Posting-Host: pa881a
Nntp-Posting-User: wiersbe
Lines: 2

Looking for info. books on scanner AR1000XLT. I heard there is more
to know than the basic manual.
```

3369. Shuttle Frequency over UK?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 21:11:25 UTC
From: marcus@pavilion.co.uk
Message-ID: <3k7li2$1b0@fitzherbert.pavilion.co.uk>
Source record: 260083

Firstly, does the shuttle normally transmit over Western Europe and if so, what frequency?

Thanks

Marcus

3370. 800/900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-15 21:57:10 UTC
From: 92003623@white.lambton.on.ca
Message-ID: <3k7nrm$jaj@white.lambton.on.ca>
Source record: 260085

Well as far as I know there are no 800 mhz cordless phones.. That is the
cellular Telephone frequencies. If you want a copy of that I have it.
And I can post them in this message base if you want. If you do
find out what the 900 mhz cordless phones are please mail them to me
or post them in this news area... I am intrested in finding out what they
are as well

Jamie

3371. Sensativity Lowering

Newsgroup: rec.radio.scanner
Date: 1995-03-15 22:18:19 UTC
From: kodiak@primenet.com
Message-ID: <3k7p3b$1so@news.primenet.com>
Source record: 260084

I have a BC200XLT and it doesn't pick up too much anymore. I thought it was because of the antenna. The electronics guy says these scanners lose sensativity over the years. Is this true? If so, how do I get it back? I think he was just trying to sell me the new BC2500XLT (Which he did) 8*).....Can the 200 be fixed?

Also, he said there are no mods for cellular on the 2500, whereas I just picked one up right here..Thanks to the poster! The guy at the electronics shop said to scan from 1270 to 1293 for cellular...Please lead me in the right direction....

Paul
(kodiak@primenet.com)

3372. Haiti op's frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-15 22:51:47 UTC
From: interso@cam.org
Message-ID: <interso-1503951751470001@interso.hip.cam.org>
Source record: 260095

I'm just returned from Haiti.

There are two freq. to monitor:
haitian police: 160.70
Minuha-UN: 458.735

Archibald

3373. AR8000 DEMO?

Newsgroup: rec.radio.scanner
Date: 1995-03-15 22:54:36 UTC
From: frank28@ix.netcom.com
Message-ID: <3k7r7c$o02@ixnews3.ix.netcom.com>
Source record: 260086

Can someone tell me if you can move data from ar8000 to
file(AR8000->FILE) on the AR8000 DEMO program. I don't have any problem
with FILE->AR8000. I only get a MAA when I try to move data from bank A.
Is it one of the limitation of the DEMO.

THANKS in advance.
Bill

3374. Re: Erie PA Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-15 22:58:55 UTC
From: <>
Message-ID: <3k7rff$7ov@moose.erie.net>
Source record: 260087

In <8cc_9503071355@tor250.org>, Bruce.Ross@odxabbs.tor250.org (Bruce Ross) writes:
>Could someone please supply me with FIRE, POLICE & EMS frequencies for
>Erie PA? Thanks in advance.
>--
>| Fidonet : Bruce Ross 1:250/930
>| Internet: Bruce.Ross@odxabbs.tor250.org
>| Standard-disclaimer: The views of this user are strictly his own.

Bruce,

I live in Erie and have tons of freqs. You can call me or I can call you (voice) if you wish. Let me know.

Dick

3375. Re: Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1995-03-15 23:00:35 UTC
From: <>
Message-ID: <3k7rij$7ov@moose.erie.net>
Source record: 260088

In <3k2o49$1bk@hptemp1.cc.umr.edu>, lerman@saucer.cc.umr.edu (Benjamin Lerman) writes:
>Richard Williams (richlw@moose.erie.net) typed:
>: Hi All,
>: Just received a catalog wherein there are advertising a Uniden Bearcat
>: hand held scanner; no model number given. Anyway, it has "Turbo-Scan",
>: which supposedly scans 100 channels/sec. "Has data skip and memory
>: backup that retains frequencies for up to three days without batteries.
>: Rechargeable ni-cad battery pack, AC adapter. Price is $200. Seems a
>: little steep, but I thought I would ask for the opinions of more
>: experienced scanner users. Good buy?
>: Thanks,
>: Dick
>
>Sounds like my SC150. It will search (in the lower freqs. below 500 MHz)
>at a rate of 300 chs per sec, if I remember correctly. It has data skip,
>AC adapter, Ni-Cd pack, and 10 programmable freq banks with a direct mode
>for the first ten channels (out of 100). It cost me about $210 with tax
>at the Wal-Mart back home in Geneva, NY, in June of 94. It is a pretty
>good scanner for the price, and will allow for some cell freqs. and a lot
>of cordless freqs (if you're into that stuff), but it has served me well
>as a recreational scanner...
>--
>Ben Lerman
>lerman@umr.edu

Thanks for the info, Ben. Appreciate it.

Dick

3376. Forsale: Bearcat 200XLT $150

Newsgroup: rec.radio.scanner
Date: 1995-03-15 23:16:54 UTC
From: dlwilson@fenix.encore.com
Message-ID: <D5I8oA.28v@encore.com>
Source record: 260103

Uniden Bearcat BC 200XLT - $150

- 200 channels, in ten 20-channel banks

- 29-54MHz, 118-174MHz, 406-512MHz, 806-956MHz

- restored cellular freqs

I haven't used this in over a year, so out it goes.
I'll throw in the 1993 Police Call book and a
second antenna for cordless phone frequencies.
You pay shipping.

If you don't like the price, DON'T attack me, just
make an offer.

Dave Wilson
dlwilson@encore.com
(404) 501-0857 (Atlanta, GA)

3377. Re: AM Broadcast on scann

Newsgroup: rec.radio.scanner
Date: 1995-03-15 23:18:00 UTC
From: <>
Message-ID: <8A5844A.01F4000007.uuout@firstdue.uu.holonet.net>
Source record: 260089

From: SWassell@sv.span.com (Stephen Wassell)
Path: holonet!colossus.holonet.net!news.sprintlink.net!pipex!peernews.demon.co.uk!sv.span.com!SWassell
Subject: Re: AM Broadcast on scanner?
References: <gregjo-0803951430100001@pcgjohnson.orem.novell.com>
X-Mailer: cppnews $Revision: 1.41 $
Organization: Sound & Vision BBS +44 (0)932 252323
Lines: 28
X-Posting-Host: sound.demon.co.uk
Date: Wed, 15 Mar 1995 18:18:54 +0000
Message-ID: <795316734snx@sv.span.com>
Sender: usenet@demon.co.uk

In article <gregjo-0803951430100001@pcgjohnson.orem.novell.com> gregjo@wordperfect.com (Greg Johnson) writes:
>I'm a dangerously radio-challenged person with a simple question:
>How come I can pick up standard AM broadcasts with a transistor
>radio, yet can't hear a thing with my scanner? (example 1160 Khz).
>I can pick up some shortwave stations by chucking a long wire out
>my window, but nothing in the standard AM band. What does the
>transistor radio have that my scanner doesn't? (I can get standard FM
>broadcasts as well as TV audio).
>Thanks.

The important thing is the resonant length of the aerial - lower frequencies = longer wavelengths = longer aerial. So, listening to that freq you'd theoritically need a wire aerial about 300/1/4 = 75 metres long.

What a standard AM radio does, though, is use wire coiled around a ferrite core (a non-conducting magnetic substance) which then has the same resonance as that 75m long aerial, and can therefore pick up the same frequencies.

So, to pick up AM broadcast band you could either get a 75m long garden, or find a spare ferrite coil and attach it to the antenna socket somehow.

I haven't tested either of these, but it might work. Worth a try?

_____ -- --
/ ____)\ \ / / from Stephen Wassell Oh, what sad times are these
____ \ \ \/\/ / SWassell@sv.span.com when passing ruffians can say
(_____/ _/_/ Try coopers.wad! "Ni" at will to old ladies.

• Cam-Mail v1.40:

3378. Re: scanners on US Air

Newsgroup: rec.radio.scanner
Date: 1995-03-15 23:37:00 UTC
From: <>
Message-ID: <8A5845D.01F4000024.uuout@firstdue.uu.holonet.net>
Source record: 260092

Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!usenet.ins.cwru.edu!news.csuohio.edu!shien.ist.csuohio.edu!mike
From: mike@shien.ist.csuohio.edu (Mike Mayer)
Subject: Re: scanners on US Air
Message-ID: <1995Mar15.183749.11401@news.csuohio.edu>
Sender: news@news.csuohio.edu (USENET News System)
Organization: Cleveland State University
X-Newsreader: Tin 1.1 PL4
References: <D5FGFr.6v2@dorite.use.com>
Date: Wed, 15 Mar 1995 18:37:49 GMT
Lines: 26

darwin@dorite.use.com (Darwin Teague) writes:
: I'm planning on flying via US Air. Any ideas how they feel about using
: scanners on the plane now?
:
: Also, could I carry an HT on the plane (I have no plans to use it while
: anywhere near a plane)?
: ---
: Dishheads, dishheads, roly poly dishheads!
: Lick a toad, go to jail.
: See Spot run. See Spot Dick Jane.
: ---
:

The USAir in-flight magazine says no to operating a scanner, or for
that matter, any radio receiver anytime on board the plane. I just
flew USAir last week. You can bring it on board but you cannot
operate it.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

• Cam-Mail v1.40:

3379. Wanted: DIA Airport freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-15 23:41:00 UTC
From: <>
Message-ID: <8A58461.01F4000025.uuout@firstdue.uu.holonet.net>
Source record: 260093

Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!usenet.ins.cwru.edu!news.csuohio.edu!shien.ist.csuohio.edu!mike
From: mike@shien.ist.csuohio.edu (Mike Mayer)
Subject: Wanted: DIA Airport freqs.
Message-ID: <1995Mar15.184146.11589@news.csuohio.edu>
Sender: news@news.csuohio.edu (USENET News System)
Organization: Cleveland State University
X-Newsreader: Tin 1.1 PL4
Date: Wed, 15 Mar 1995 18:41:46 GMT
Lines: 14

Title says it all. Looking for things like DIA approach,
departure, ground, and tower frequencies.

Thanks,

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

• Cam-Mail v1.40:

3380. Re: Encryption WAS: 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-15 23:47:13 UTC
From: rflood@cis.umassd.edu
Message-ID: <D5IA2q.AFq@umassd.edu>
Source record: 260098

In <3k6191$3rm@umcc.umcc.umich.edu> tim@umcc.umcc.umich.edu (Tim Tyler) writes:

> That is complete garbage. CMTs have been in existence for over
>10 years now, yet you mention a law "just passed" to support your claim?!

There was a "communications act" recently passed that required law enforcemnet access to communications. This was all over the net a year ago, Im sure other people remember it, they got a huge amount of signatures against it, but it breazed through. I dont know the details, but i do know why there was such strong resistnace to it. If you dont beleive me simply ask in "sci.crytography" or "alt.security.pgp". They are well aware of it ad know more about the details.

> There are encryption systems available, most just offering a low to
>moderate degree of transmission security, and some areas have
>implemented secure cellular systems for government use -- certified for
>Top Secret.

Im talking about very secure military grade systems. Programs like PGP for phones. Im not talking about frequency inversion.

> As of late, it seems like the industry has given up trying to
>spew misinformation/disinformation, & now say that the majority of the
>CMT users aren't concerned about the vulnerability of interception, & for
>those that are, encryption systems are available (they still don't
>advertise the crypto systems much, because it would be a Catch-22
>situation).

What encryption systems, can you explain what they are and how they work.

> As more areas start to phase-in the TDMA & CDMA digital systems,
>the cellular industry will use the privacy issue as one way to start
>steering people over to the digital standards.

I bet the encryption will be very weak. They will also have to allow law enforcement access to the system via a search warrent.

> The government certainly has an interest (whether or not it is
>'legitimate' shouldn't be argued in this newsgroup) in encryption systems
>available to the public, and that includes any cellular systems (the
>National Security Telecommunications Advisory Committee has had an
>involvement in the TDMA & CDMA standardization process), but it is stupid
>& just plain wrong to allude that there aren't cellular encryption
>products available to the public, and that it is the result of the
>government.

I never said it was the only reason, just a big part of it. A couple of questions ....

1.) Software developers can easily include military grade encryption in there software. Why dont they? It is very easy to break the password schemes on most programs.

2.) Why did the the FBI and NSA try to push clipper? The average citizen wasnt concerned about encrytion. Yet these agencies were pushing for a system they could break.

3.) Why has there been talk by some congressman to inroduce legislation to ban encryption? (I wish I saved the post I read about this in)

Im sure some people in this group remember clipper and the fight against that telecommunications act. They got thousnads of signatures against them.

Encrytion has always been considered a miltary secret and nothing has changed. It is ONE reason we do not have military grade encrytion on cellular phones. If strong encryption is ever used on commercial cellular phones. Expect alot whining and complaining from law enforcement!!!

3381. Re: Tropez phones

Newsgroup: rec.radio.scanner
Date: 1995-03-16 00:08:17 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-1503951609030001@lisaraip4.llnl.gov>
Source record: 260097

In article <Pine.SOL.3.91.950310200306.5796A-100000@world.evansville.net>,
jeff l liberman <jeffl@evansville.net> wrote:

> On 10 Mar 1995, Wai wrote:
>
> > I had the same problem with my Tropez. The voice was not encrypted at
> > 448.0 mhz. I got a replacement but the phone still radiates at 448 but
> > less power.
> > Make sure the replacement that you get is not a REFuRB!
> >
> > Wai
> >
> >
> Wai, what receiver did you use to hear clear voice on 448.00.
>
> I have spend hours searching from 430-450 with several dif receiver and
> CAN NOT hear anything in the clear.

I can hear a carrier from my AT&T 9120 (Tropez) on a PRO-2006 at 448.0
Mhz. However, no audio can be heard and the signal is lost if the phone is
moved more than 1 foot from the 2006 antenna.

Gary

--

All opinions expressed above are not those of LLNL.

Gary Ross ROSS@NOVAX.LLNL.GOV
Shot Director ROSSMAN@AOL.COM
Nova Laser Operations
Lawrence Livermore National Lab.
P.O. Box 808 L-489
Livermore, CA 94551

3382. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-16 00:33:17 UTC
From: mulligan@ACM.ORG
Message-ID: <3k810d$3jn@hopper.acm.org>
Source record: 260100

chrisQ@ix.netcom.com wrote:
>As far as I know they work on time interval.

Police radar uses doppler effect, i.e. it's phase shift, not time domain.

> Radar signals (Rf) travels at a constant speed of of 1 mile
> in 6.18 microseconds.

Errr... a radar pulse travels one nautical mile in 6.18 us. Last time I
checked, most jurisdictions measure speed limits in statute miles. Your
military electronics instructors were correct, they just left out some
of the details <g>.
/* barry /&

3383. Re: Looking for scanner good for railroad freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-16 00:45:54 UTC
From: Irv Smith <irvsmith2@delphi.com>
Message-ID: <pw5Z2ay.irvsmith2@delphi.com>
Source record: 260102

Kenneth Buckman <bkvp@ken.iii.net> writes:

> I'm in search of a scanner that is especially sensitive to picking
>up the 160-162MHz bandwidth, which is used by most railroad companies.
>Any suggestions would be appreciated. I currently own a Uniden/Bearcat

I use a BC 3000XLT. With it's new and different (IF'S) it is very clean
in that area. I also had a Pro-62 for the 30 day trial , and also found it
very clean in the railroad band.
-=Irv=-

3384. Re: Killing Birdies

Newsgroup: rec.radio.scanner
Date: 1995-03-16 00:46:31 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5ICtJ.GAB@ssbunews.ih.att.com>
Source record: 260101
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3k3bmf$7mq@hptemp1.cc.umr.edu>,
Dave Stuart (dstuart@umr.edu) <dstuart@saucer.cc.umr.edu> wrote:

>I have a birdie on my pro-51 that is sitting right on a freq I want to
>listen to very often. How could I kill it without destroying reception?

Try to program the image frequency and listen to that instead.

For example, I wanted to monitor the police on 470.3125 using
a BC760XLT, but the BC760XLT is prone to receive interference from
a TV station when programmed to 470.3125. Image rejection is
poor enough on the 760XLT (and many other radios) that I
was able to tune to 491.9125 (= 470.3125 + 2 * 10.8)
and monitor the police image there, without interference.

You didn't mention the frequency you want to monitor and
its image may fall outside the range your scanner tunes.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3385. Re: Killing Birdies

Newsgroup: rec.radio.scanner
Date: 1995-03-16 00:58:45 UTC
From: dweeks@ccnet.com
Message-ID: <19950315153125.RM44275@ccnet.com>
Source record: 260104

My grandfather used to use a BB gun. Pretty soon the birdies got too smart for that, though--they'd see him go near the window and they'd take off. So he wound up mounting a piece of suet on a tree in the back yard, with a copper perch under it. Then he ran a 115-volt line from the perch into the house and connected it to a light switch on the wall. So when one of 'em landed on the perch, he could just go over and . . .

What?

Oh. Never mind.

--
Dave Weeks WA1VGA
Pleasant Hill, California

3386. Part(s) needed

Newsgroup: rec.radio.scanner
Date: 1995-03-16 01:24:43 UTC
From: lou@gary.com
Message-ID: <7791-237876002@gary.com>
Source record: 260105

Hi and thanks for reading this,

I am in need of a couple of parts, or at least just the one main part.

The part is: The case top for a Regency MX 3000 scanner. Someone brought the scanner to me, and apparently something had been dropped on it, the case was cracked right at the speaker grill and the speaker cone was busted.

I can probably get a replacement speaker locally or from a reputable parts supplier, but I need the case if I can get one.

If you have a case, either the top or if necessary, the whole thing if you don't wish to half it up, let me know the asking price with shipping included.

Radio Shack carries a 10 Watt version of the speaker size needed, but I want to install that big of speaker. If you've got a scanner which died due to bad chips or ?, then perhaps you can help me out. Any help would be appreciated. If you do reply, please answer directly. Although I read this forum quite often, sometimes I only log onto the BBS to check for mail without going into the forums, so I may not get your reply.

Thanks

Lou

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

3387. Re: Radar Jammers-Legal?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 02:20:48 UTC
From: bl058@FreeNet.Carleton.CA
Message-ID: <D5IH6p.3H3@freenet.carleton.ca>
Source record: 260116

In a previous posting, brian varine (varine@ece.orst.edu) writes:
> I've seen a few ad's for active radar jammers and the comapanies claim
> that they are legal since they put out a really small signal >10mW. The
> claim the FCC reg's somehow do not cover transmitters with very low
> output. They've told me that as of now they know of no law (they assured
> me that they have done research) that makes them illegal. I'm a little
> skeptical but the idea sounds great. Do these X-mitters get by under the
> same regs that allow those FM trasmitters to be sold (like wireless
> speakers and things like that). What law would make them illegal?

There's a bit in the FAQ file in rec.autos.driving, that basically says
these units are ineffective. I don't remember the details.

--
DAN STARK ~~~*~~~ Southern Ontario's Best Rock
--------- | 97.7 HTZ-FM
Internet: dstark@freenet.niagara.com /|\ - - - - - - - - - - - - - - -
Fidonet: 1:247/128 / | \ 610/CKTB St. Catharines-Niagara

3388. Re: Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-16 02:24:05 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3k87g5$opl@umcc.umcc.umich.edu>
Source record: 260107

In article <3k76q1$dcl@mozo.cc.purdue.edu>,
Duane P Mantick <wb9omc@constellation.ecn.purdue.edu> wrote:
>
>Just wondering if there are any military aviation scannists out
>there (especially midwest) that have noticed a considerable upsurge
>in communications in the 200-400 MHz bands lately.....
>
>There has been considerable aerial refueling going on in my area lately,
>and I get the feeling (without directly revealing the contents of what
>I've heard, just a "feeling") that - as the phrase goes, and no pun
>intended - something is up.
>
>Rather than getting into gory details here, anyone in the midwest (Missouri,
>Illinois, Indiana, Ohio areas) who does this, please feel free to
>email me for discussion. Others who listen in other areas and have noticed
>any similar upsurge in the last month may also feel free to email
>me.
>
>I *do* think it is a discussion best kept OUT of the newsgroup.
>
>Duane
>

Yes, there are many air to air refueling missions every week. Something
is up and it's called practice. If these missions aren't conducting
frequently the pilots would be in real trouble if they were in a war and
had to remember what to do. These refueling missions are as common as
changing underwear. Nothing to get excited about, actually it's
interesting scanning sometimes. I heard a mock dogfight last summer and
it lasted for an hour or so.
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3389. Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 02:36:27 UTC
From: robbino@primenet.com
Message-ID: <robbino.19.00050295@primenet.com>
Source record: 260108

This may be a ridiculous question but . . .

I have a PRO-43. Will a discone antenna improve my reception while indoors or is the stock antenna tuned to provide optimum performance?

I am saving to buy a base scanner.

Thanks.

Robbin

robbino@primenet.com

3390. wanted pro 2006

Newsgroup: rec.radio.scanner
Date: 1995-03-16 02:45:38 UTC
From: raymo@netcom.com
Message-ID: <raymo-1503951846030001@192.0.2.1>
Source record: 260109

it's as simple as that.....

please email....

thanks,

ray

3391. wanted pro 2006

Newsgroup: rec.radio.scanner
Date: 1995-03-16 02:46:15 UTC
From: raymo@netcom.com
Message-ID: <raymo-1503951846390001@192.0.2.1>
Source record: 260110

it's as simple as that.....

please email....

thanks,

ray

3392. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-16 03:45:38 UTC
From: rogerp@westnet.com
Message-ID: <3k8cie$484@westnet.westnet.com>
Source record: 260111

stavros@agora.rdrop.com (Steve Culliton) wrote:

>In article <3k376k$1qh@westnet.westnet.com>,
>Roger Pettengill <rogerp@westnet.com> wrote:
>>In article <3k0jt9$3ij@metroux.metrobbs.com>, cadsuper@big12.metrobbs.com
>>says...
>>>
>>>Anyone familiar with the beartracker from Uniden?
>>
>>The freq it uses to trigger the alert light is used by the mobile
>>extender (a mini-repeater used only between the patrol car and the
>>officer's portable radio).
>>
>>Two very important things the Beartracker ads don't tell you:
>>
>>1. The mobile extender is on ONLY when the officer is OUT OF THE CAR.
>>Therefore, (A) if he's sitting in his car watching the readout on his
>>
>>2. Not all states have mobile extenders in their patrol cars.

>I was told that the warning light came on for any recieved transmission
>from the Highway Patrol band, not just the extenders. Is that true?

If the alert light does come on for any received transmission, not
just the extenders then it's a TOTALLY useless feature and the
Beartracker ads are even more misleading then they already are.

The light's advertised purpose is to let you know when you're close to
a patrol car (3 miles, I think). So if it comes on everytime the radio
receives a signal it'll come on when you're hearing a patrol car
waiting for you just over the hill and also when you're hearing a
patrol car that's 100 miles away and coming thru a repeater.

Roger

3393. Re: Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-16 03:45:41 UTC
From: rogerp@westnet.com
Message-ID: <3k8cih$484@westnet.westnet.com>
Source record: 260112

In article <Pine.ULT.3.91.950314122904.23946D-100000@rodeo.uwyo.edu>,
Bishwa Shrestha <bishwa@rodeo.uwyo.edu> wrote:

> I have been listening to air com. especially from Denver Airport
>in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
>However, I am only able to receive one side of conversation, usually the
>pilot. I use PRO-39 with its built in antenna. Do I need to use the
>outdoor antenna to receive both side of conversation?
>
> My location is around 200 miles(?) north of Denver, in Laramie,
>Wyoming. Any response would be appreciated. BTW, we can also exchange
>some of the frequencies. I know this news-group has some wonderful
>people. Please post or send the private mail.
>
>Bishwa Shrestha, KC7JFV

I think at least some of those freqs are Denver Center (enroute air
traffic control) rather than Denver Airport itself. In either case,
you're too far away from Denver to receive the Denver Airport itself
even with an outdoor antenna. However you might be within receiving
range of one/more of the Denver Center remote site if there are any in
your area.

Generally speaking, you need to be within about 30 miles of the
facility to receive it's transmissions unless, of course, you are at
higher altitudes, i.e., an airplane.

Roger - rogerp@westnet.com

3394. Looking for DTMF / PL tone decoder

Newsgroup: rec.radio.scanner
Date: 1995-03-16 04:13:46 UTC
From: cwachs@aol.com
Message-ID: <3k8dtq$u4@newsbf02.news.aol.com>
Source record: 260115

I am looking for a small, 12volt LCD readout box that will display DTMF and CTSS/PL tone codes recieved by my radio.

There was a recent message about two of these models but AOL droped my line. I would like the price and brief specs as well as a number to purchase them from.

Thanks
CWachs@aol.com

3395. Forsale: Bearcat 200XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-16 04:16:00 UTC
From: <>
Message-ID: <8A58574.01F400000B.uuout@firstdue.uu.holonet.net>
Source record: 260114

```
Path: holonet!colossus.holonet.net!news.sprintlink.net!howland.reston.ans.net!swrinde!ihnp
4.ucsd.edu!news.encore.com!fenix!dlwilson
From: dlwilson@fenix.encore.com (David L Wilson)
Subject: Forsale: Bearcat 200XLT $150
Organization: Encore Computer Corporation
Date: Wed, 15 Mar 1995 23:16:54 GMT
Message-ID: <D5I8oA.28v@encore.com>
Sender: Dave Wilson
Nntp-Posting-Host: fenix.encore.com
Lines: 19

Uniden Bearcat BC 200XLT - $150

- 200 channels, in ten 20-channel banks

- 29-54MHz, 118-174MHz, 406-512MHz, 806-956MHz

- restored cellular freqs

I haven't used this in over a year, so out it goes.
I'll throw in the 1993 Police Call book and a
second antenna for cordless phone frequencies.
You pay shipping.

If you don't like the price, DON'T attack me, just
make an offer.
```

Dave Wilson
dlwilson@encore.com
(404) 501-0857 (Atlanta, GA)

• Cam-Mail v1.40:

3396. CTCSS

Newsgroup: rec.radio.scanner
Date: 1995-03-16 04:45:30 UTC
From: rotnapple@aol.com
Message-ID: <3k8fpa$1fm@newsbf02.news.aol.com>
Source record: 260120

Newsgroups: rec.radio.scanner
Path:
newsbf01.news.aol.com!newstf01.news.aol.com!newsjunkie.ans.net!howland.res
ton.ans.net!ix.netcom.com!netcom.com!erk
From: erk@netcom.com (Erick Parsons)
Subject: Which scanners have CTSS capability

>Sender: erk@netcom18.netcom.com

**********Lots of stuff deleted*****

>So I ask: Are there scanners that are available for decoding CTSS tone
>codes and (hopefully) digital codes for keeping the scanner on track of
>a conversation going on for any particular agency ?

>Or should I just hang up my scanner and go back to watching sitcoms :-/

Of course what you were describing is a Trunked radio system, I use them
at work on our Motorola MTX9000's.

I know there are other systems, but on the Motorola system, a scanner
equiped with CTCSS receive decoding, is useless for following any
particular call. The trunking controller connected to the repeaters
communicates to each radio on the system via one channel specifically set
aside. This channel identifies each radio and switches the channels for
each talk group as appropriate. This code is digital, not a simple sub
audible tone. Sorry, not what you wanted to hear. Now I don't know much
about the other systems such as GE's which I think uses tones in a manner
to perform much the same function. I'm sure somebody could educate us on
that system.

As far as CTCSS, I have a Uniden/Bearcat 760xlt with CTCSS board. It's for
sale, you pick up $250 perfect/almost new condition.

Greg

RotnApple

3397. Police status codes

Newsgroup: rec.radio.scanner
Date: 1995-03-16 04:46:44 UTC
From: Michael Conner <mconner@kristina.az.com>
Message-ID: <Pine.BSI.3.91.950315204507.4878A-100000@kristina.az.com>
Source record: 260117
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I checked in the FAQ and found nothing. Does anyone have a reference for police codes used on scanners?

3398. Re: Encryption WAS: 800 M

Newsgroup: rec.radio.scanner
Date: 1995-03-16 04:47:00 UTC
From: <>
Message-ID: <8A58593.01F4000006.uuout@firstdue.uu.holonet.net>
Source record: 260118

Path: holonet!colossus.holonet.net!news.sprintlink.net!cs.utexas.edu!swrinde!gatech!newsfe
ed.pitt.edu!uunet!ulowell.uml.edu!umassd.edu!rflood
From: rflood@cis.umassd.edu (Richard M. Flood)
Subject: Re: Encryption WAS: 800 MHZ SEEMS IMPOSSIBLE
Message-ID: <D5IA2q.AFq@umassd.edu>
Sender: usenet@umassd.edu (USENET News System)
Organization: University of Massachusetts Dartmouth
X-Newsreader: NN version 6.5.0 #2 (NOV)
References: <J+7YVXa.orkin@delphi.com> <D5GIw8.Grr@umassd.edu>
<3k6191$3rm@umcc.umcc.umich.edu>
Date: Wed, 15 Mar 1995 23:47:13 GMT
Lines: 73

In <3k6191$3rm@umcc.umcc.umich.edu> tim@umcc.umcc.umich.edu (Tim Tyler) writes:

> That is complete garbage. CMTs have been in existence for over
>10 years now, yet you mention a law "just passed" to support your claim?!

There was a "communications act" recently passed that required law
enforcemnet access to communications. This was all over the net a year
ago, Im sure other people remember it, they got a huge amount of
signatures against it, but it breazed through. I dont know the details,
but i do know why there was such strong resistnace to it. If you dont
beleive me simply ask in "sci.crytography" or "alt.security.pgp". They
are well aware of it ad know more about the details.

> There are encryption systems available, most just offering a low to
>moderate degree of transmission security, and some areas have
>implemented secure cellular systems for government use -- certified for
>Top Secret.

Im talking about very secure military grade systems. Programs like PGP
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>spew misinformation/disinformation, & now say that the majority of the
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>& just plain wrong to allude that there aren't cellular encryption
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>government.

I never said it was the only reason, just a big part of it. A couple
of questions ....

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encryption in there software. Why dont they? It is very easy
to break the password schemes on most programs.

2.) Why did the the FBI and NSA try to push clipper? The
average citizen wasnt concerned about encrytion. Yet
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3.) Why has there been talk by some congressman to inroduce
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against that telecommunications act. They got thousnads of signatures
against them.

Encrytion has always been considered a miltary secret and nothing has
changed. It is ONE reason we do not have military grade encrytion on
cellular phones. If strong encryption is ever used on commercial
cellular phones. Expect alot whining and complaining from law
enforcement!!!

Cam-Mail v1.40:

3399. Re: OrbiTrack: Where Can I Find?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 04:54:57 UTC
From: fnbeg@aurora.alaska.edu
Message-ID: <3k8gb1$i3q@news.alaska.edu>
Source record: 260119
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Orbitrack can be had from BEK Developers at P.O. Box 47114 St. Petersburg, FL
33743-7114. The author is Bill Bard and his E-mail address is 75366.2557@compuserve.com. I have used this program for a number of years and quite a few versions and it is the best tracking program for the Mac.

Bruce Gordon AL7AQ@KL7HFI Bruce's Trading Post
University of Alaska Excursion Inlet, Alaska 99850
fnbeg@aurora.alaska.edu
Have bandwidth and connection - - will communicate

3400. FS:Old Scanner Manuals

Newsgroup: rec.radio.scanner
Date: 1995-03-16 04:59:39 UTC
From: mgillie@nando.net
Message-ID: <3k8gjr$ogi@parsifal.nando.net>
Source record: 260121

```
For sale:
Bearcat III Manual with schematics $5.00
Regency TS-2 Service Manual with schematics $10.00
Regency ACT-R10 H/L/U Servie Man w/schematics $10.00

Please e-mail mgillie@nando.net if interested.
```

3401. BC 2500XLT question

Newsgroup: rec.radio.scanner
Date: 1995-03-16 05:23:43 UTC
From: newt@halcyon.com
Message-ID: <3k8i2s$5l2@news.halcyon.com>
Source record: 260123

I have a BC2500XLT, and I love it. But I have one question - How long is the memory held? So far, I have not had the scanner's battery run out without another to replace it, but this is a big question for me, as I really don't want to type in 350 channels again. :) Does anybody have the service manual? Thanks.

-Zeet

3402. Re: Killing Birdies

Newsgroup: rec.radio.scanner
Date: 1995-03-16 05:46:00 UTC
From: <>
Message-ID: <8A5902E.01F4000047.uuout@firstdue.uu.holonet.net>
Source record: 260025
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!uchinews!gw2.att.com!nntpa!ssbunews!not-for-mail
From: parnass@radioman.ih.att.com (Bob Parnass, AJ9S)
Subject: Re: Killing Birdies
Message-ID: <D5ICtJ.GAB@ssbunews.ih.att.com>
Summary: listen to the image instead
Sender: news@ssbunews.ih.att.com (Netnews Administration)
Nntp-Posting-Host: radioman.ih.att.com
Reply-To: parnass@ihlpf.att.com
Organization: AT&T Bell Laboratories, Naperville, IL
References: <3k3bmf$7mq@hptemp1.cc.umr.edu>
Date: Thu, 16 Mar 1995 00:46:31 GMT
Lines: 22
Xref: holonet!colossus.holonet.net rec.radio.scanner:13913 alt.radio.scanner:5340

In article <3k3bmf$7mq@hptemp1.cc.umr.edu>,
Dave Stuart (dstuart@umr.edu) <dstuart@saucer.cc.umr.edu> wrote:

>I have a birdie on my pro-51 that is sitting right on a freq I want to
>listen to very often. How could I kill it without destroying reception?

Try to program the image frequency and listen to that instead.

For example, I wanted to monitor the police on 470.3125 using
a BC760XLT, but the BC760XLT is prone to receive interference from
a TV station when programmed to 470.3125. Image rejection is
poor enough on the 760XLT (and many other radios) that I
was able to tune to 491.9125 (= 470.3125 + 2 * 10.8)
and monitor the police image there, without interference.

You didn't mention the frequency you want to monitor and
its image may fall outside the range your scanner tunes.
--

==========

Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

• Cam-Mail v1.40:

3403. Re: Radar Jammers-Legal?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 06:03:34 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950315220010.4941D-100000@holmes.ece.orst.edu>
Source record: 260038

On Thu, 16 Mar 1995, Dan Stark wrote:
> There's a bit in the FAQ file in rec.autos.driving, that basically says
> these units are ineffective. I don't remember the details.

Oh they work alright. I think you're thinking of passive jammers---->GARBAGE!
These units have been tested by Car and Driver Autotronix etc and they
all say that ACTIVE jammers do work. A few companies have been in
buisness for quite a while and it makes me wonder if they really are
legal. If they weren't wouldn't the FCC come a knockin??

3404. Re: Encryption WAS: 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-16 06:12:21 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3k8ks5$9ch@umcc.umcc.umich.edu>
Source record: 260027

In article <D5IA2q.AFq@umassd.edu>,
Richard M. Flood <rflood@cis.umassd.edu> wrote:
>In <3k6191$3rm@umcc.umcc.umich.edu> tim@umcc.umcc.umich.edu (Tim Tyler)
writes:
>> That is complete garbage. CMTs have been in existence for over
>>10 years now, yet you mention a law "just passed" to support your claim?!
>
>There was a "communications act" recently passed that required law
>enforcemnet access to communications. This was all over the net a year
>ago, Im sure other people remember it, they got a huge amount of
>signatures against it, but it breazed through. I dont know the details,
>but i do know why there was such strong resistnace to it. If you dont
>beleive me simply ask in "sci.crytography" or "alt.security.pgp". They
>are well aware of it ad know more about the details.

I'm familiar with the act you're talking about, but am still waiting for
you to come up with a logical tie between it & the assertion that there
aren't any cellular crypto systems available to the public.

>Im talking about very secure military grade systems. Programs like PGP
>for phones. Im not talking about frequency inversion.

It would have been nice if you had indicated that in the first place.
I thought there was some sort of 'VoicePGP' product under development.
Noone but yourself is stopping you from designing & implementing a "very
secure" transmission security system to use on your cellular phone.

>>CMT users aren't concerned about the vulnerability of interception, & for
>>those that are, encryption systems are available (they still don't
>>advertise the crypto systems much, because it would be a Catch-22
>>situation).
>
>What encryption systems, can you explain what they are and how they
>work.

Call some cellular service providers & some of the voice encryption
product dealers/manufacturers. With the interest you've expressed in the
cellular/crypto issue you *should* already be familiar with some of the
stuff out there, but since you apparently aren't, I suggest you contact
PacTel Cellular in CA) & Transcrypt (Lincoln, NE) for a start.

>> As more areas start to phase-in the TDMA & CDMA digital systems,
>>the cellular industry will use the privacy issue as one way to start
>>steering people over to the digital standards.
>
>I bet the encryption will be very weak. They will also have to allow

>law enforcement access to the system via a search warrent.

You seem to have the habit of voicing strong opinions based on a "bet."
Who determines what "very weak" encryption is? Hopefully someone that
does more than just "bet."
I've got news for you -- you have to let law enforcement access your
house, if they have a valid warrant! If you don't believe in search
warrants, that's a separate issue which I sure don't have time for,
especially in this radio newsgroup. The valid concern I've seen
discussed regarding Clipper, et al. is the sanctity of the keys, in terms
of key management & oversight, but there's a separate newsgroup or two to
discuss that (not that I will...).

>I never said it was the only reason, just a big part of it. A couple
>of questions ....
>
Maybe not, but it was the only reason you chose to list to
support your premis.

> 1.) Software developers can easily include military grade
> encryption in there software. Why dont they? It is very easy
> to break the password schemes on most programs.

Rhetorical question: You could easily put up armor plate and
vault-doors up to protect your home. Have you done so (I'd almost "bet"
that you haven't)? If you just have the standard wood/brick exterior,
glass windows & a deadbolt on the door, "it is very easy to break" into
your house! Using YOUR logic, if your house isn't constructed like a
maximum-security facility, it is because someone (the government) wouldn't
let you do so...
The password protection scheme on something like WordPerfect is the
equivalent of the lock on your door. It is a minor obstacle &
deterrent. Just like it wasn't up to the builder of your home to know
that some day you might have the Queen's Jewels in there, it wasn't up
to WordPerfect to consider that some day, you might write up extraction
plans to get a National Command Authority to one of the secure emergency
operations centers at the start of WWIII. By default, it is up to the
USER to understand the level of protection necessary (although getting
back to cellular, as I've said before, the industry made it difficult),
and to ensure that the material (be it the Queen's Jewels, or NCA
Emergency Action Plans) is protected as best you can afford to do so.
You indicated you think that PGP offers 'military-grade' security. So
use PGP to protect your files, then!! The government users other
encryption & physical security measures to protect their classified
WordPerfect documents!

> 2.) Why did the the FBI and NSA try to push clipper? The

They wanted to get it to the other side? ;)

> average citizen wasnt concerned about encrytion. Yet
> these agencies were pushing for a system they could break.

Sorry, but I called up Louie Freeh & DIRNSA (on my STU-III, of course!), & they won't let me speak on their behalf. But if I did, I wouldn't do so in rec.radio.scanner.

> 3.) Why has there been talk by some congressman to inroduce
> legislation to ban encryption? (I wish I saved the post I read
> about this in)

I have no idea, but if I did...(reread 2nd sentance in my response to your interrogatory #2)

> >Im sure some people in this group remember clipper and the fight
>against that telecommunications act. They got thousnads of signatures
>against them.

Uh-huh... And again, your point was...?

>Encrytion has always been considered a miltary secret and nothing has
>changed. It is ONE reason we do not have military grade encrytion on
>cellular phones. If strong encryption is ever used on commercial
>cellular phones. Expect alot whining and complaining from law
>enforcement!!!

You're wrong. "MILITARY" grade encryption has always been considered to be a "military secret." There are plenty of products out there offering a respectable level of protection for individuals & commercial interests. If you don't think so, you must be quite a cryptologist/mathematician/computer programmer with some decent computational equipment.

Also, if "strong encryption" is ever used on commercial cellular networks, the only thing that *I* will ASSume is that there will still be plenty of people questioning (read: "whining & complaining") the integrity of the crypto engine/key management! There are plenty of people that think anything available to private citizens MUST be compromised by the government, since otherwise, the big, nasty government would never allow the product to be available!

If you'd care to continue this discussion in a manner that makes it directly relevent to cellular phones, I'll be looking forward to your reply. Otherwise, there's a group called talk.politics.crypto, or something like that which would be more fitting, since you've gotten us off the original question about crypto systems for CMTs.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 In cyberspace, noone can hear you scream.

3405. Re: Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1995-03-16 06:19:31 UTC
From: timscanit@aol.com
Message-ID: <3k8l9j$381@newsbf02.news.aol.com>
Source record: 260028

tel=704-837-9200
fax=704-837-2216 (24 hrs)

3406. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-16 06:32:44 UTC
From: Marcum@nance.demon.co.uk
Message-ID: <795335564snz@nance.demon.co.uk>
Source record: 259995

In article <3k5l42$pqs@feenix.metronet.com>
gordon@metronet.com "Gordon Nodrog" writes:

> Any thing that can be coded can be uncoded. The Corba uses aone
> type of encription. With about 50 bucks and two hours you can buy
> and build a decoder. If there not sold in Monitoring Times there
> sold in National Scanning.

National Scanning? is this another mag? Ive never heard of this one
can you provide some details?

DISCLAIMER:
The comments made are informational or conversational only
and should not be construed as an endorsement for the illegal
use of computers or radio receiver equipments.
Marcum N. Nance III AKA marcum@nance.demon.co.uk

3407. Re: Radar Jammers-Legal?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 07:20:00 UTC
From: <>
Message-ID: <8A5908C.01F4000011.uuout@firstdue.uu.holonet.net>
Source record: 260029

```
Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!torn!nott!cunews!freenet.c
arleton.ca!FreeNet.Carleton.CA!bl058
From: bl058@FreeNet.Carleton.CA (Dan Stark)
Subject: Re: Radar Jammers-Legal?
Message-ID: <D5IH6p.3H3@freenet.carleton.ca>
Sender: bl058@freenet.carleton.ca (Dan Stark)
Reply-To: bl058@FreeNet.Carleton.CA (Dan Stark)
Organization: The National Capital FreeNet
References: <Pine.HPP.3.91.950314212946.26719I-100000@holmes.ece.orst.edu>
Date: Thu, 16 Mar 1995 02:20:48 GMT
Lines: 18

In a previous posting, brian varine (varine@ece.orst.edu) writes:
> I've seen a few ad's for active radar jammers and the comapanies claim
> that they are legal since they put out a really small signal >10mW. The
> claim the FCC reg's somehow do not cover transmitters with very low
> output. They've told me that as of now they know of no law (they assured
> me that they have done research) that makes them illegal. I'm a little
> skeptical but the idea sounds great. Do these X-mitters get by under the
> same regs that allow those FM trasmitters to be sold (like wireless
> speakers and things like that). What law would make them illegal?

There's a bit in the FAQ file in rec.autos.driving, that basically says
these units are ineffective. I don't remember the details.

--
DAN STARK ~~~*~~~ Southern Ontario's Best Rock
--------- | 97.7 HTZ-FM
Internet: dstark@freenet.niagara.com /|\ - - - - - - - - - - - - - - -
Fidonet: 1:247/128 / | \ 610/CKTB St. Catharines-Niagara
---
 Cam-Mail v1.40:
```

3408. wanted pro 2006

Newsgroup: rec.radio.scanner
Date: 1995-03-16 07:45:00 UTC
From: <>
Message-ID: <8A590A5.01F4000026.uuout@firstdue.uu.holonet.net>
Source record: 260030

```
Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!gatech!news-feed-1.peachne
t.edu!insosf1.infonet.net!solaris.cc.vt.edu!uunet!in1.uu.net!news.erinet.com!netcom.com!Ne
wsWatcher!user
From: raymo@netcom.com (ray halliday)
Subject: wanted pro 2006
Message-ID: <raymo-1503951846030001@192.0.2.1>
Sender: raymo@netcom18.netcom.com
Organization: ray
Date: Thu, 16 Mar 1995 02:45:38 GMT
Lines: 8

it's as simple as that.....

please email....

thanks,

ray
---
```
 Cam-Mail v1.40:

3409. wanted pro 2006

Newsgroup: rec.radio.scanner
Date: 1995-03-16 07:46:00 UTC
From: <>
Message-ID: <8A590A6.01F4000027.uuout@firstdue.uu.holonet.net>
Source record: 260031

```
Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!gatech!news-feed-1.peachne
t.edu!insosf1.infonet.net!newshost.marcam.com!uunet!in1.uu.net!news.erinet.com!netcom.com!
NewsWatcher!user
From: raymo@netcom.com (ray halliday)
Subject: wanted pro 2006
Message-ID: <raymo-1503951846390001@192.0.2.1>
Sender: raymo@netcom18.netcom.com
Organization: ray
Date: Thu, 16 Mar 1995 02:46:15 GMT
Lines: 8

it's as simple as that.....

please email....

thanks,

ray
---
```
 Cam-Mail v1.40:

3410. CTCSS

Newsgroup: rec.radio.scanner
Date: 1995-03-16 07:50:53 UTC
From: chared@aol.com
Message-ID: <3k8qkt$4cj@newsbf02.news.aol.com>
Source record: 260033

I work for a daily newspaper and have a few questions about CTCSS boards. I have a PRO-2006 at home, but my office only has a crappy BC-855XLT. I'm trying to get them to buy a new scanner and think that I can sell them on the idea (our sheriff's dept. has gone to 800 MHZ and shares some freqs with local businesses; during the day all we hear are construction workers, so it gets turned off). I see that Bearcat has a CTCSS board available for the 890XLT in the Grove catalog.
1) Will it only work on the 890XLT, or can it be installed in our 855XLT? The April 95 PopComm says that it works fine in all Bearcats. Anybody familiar with it?
I would appreciate any info/specs/advice anybody might have.
Mail me at randall.hixson@pcflorida.com if possible. Thanks

3411. Scanner-$75!

Newsgroup: rec.radio.scanner
Date: 1995-03-16 08:17:37 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <3k8s71$m00@usenet.INS.CWRU.Edu>
Source record: 260032

Hello.
I have a nice Realistic PRO-57 base/mobile scanner for sale.
Selling it for only $75!
Contact me for further details.
Thank you.
--
Eric Matthews
eb795@cleveland.freenet.edu

3412. AOR8000 computer Interface, diagram?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 08:18:49 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <3k9e5g$93i@mrnews.mro.dec.com>
Source record: 260041

I looking for a diagram to build a computer interface for the AOR8000.

thanks,
Ken

3413. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-16 08:26:53 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3k8sod$7ov@ixnews4.ix.netcom.com>
Source record: 260034

>I hate to tell you, but, they work on Doppler shift. They use a CW beam
>and you reflected signal is comapred against the original signal.
Moving
>radar has two beams, one is a High beam thats offset to track you the
>victim, and the low beam thats pointed straight ahead and measures
>vehicle speed. A nice FM Sawtooth signal centered on the radar freq
jams
>em quite well. Makes your speed go from -200 MPH to +200 MPH in about 2
sec.
>Us countermeasure techs know this. A lot of the guns have a feature
>called Doppler Audio, basically it converts the reflected signal into a
>tone. The higher pitched the tone, the faster you are going.

Is that not what my second paragraph said...duh!!! maybe you
countermeasures techs should consider an english class!!

3414. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-16 08:29:23 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3k8st3$7pg@ixnews4.ix.netcom.com>
Source record: 260035

In <3k810d$3jn@hopper.acm.org> mulligan@ACM.ORG (F. Barry Mulligan) writes:

>
>chrisQ@ix.netcom.com wrote:
>>As far as I know they work on time interval.
>
>Police radar uses doppler effect, i.e. it's phase shift, not time
domain.
>
>> Radar signals (Rf) travels at a constant speed of of 1 mile
>> in 6.18 microseconds.
>
>Errr... a radar pulse travels one nautical mile in 6.18 us. Last time I
>checked, most jurisdictions measure speed limits in statute miles. Your
>military electronics instructors were correct, they just left out some
>of the details <g>.
> /* barry /&
>

Very true about being a nautical mile but I never heard of not being able to use such a measurement on land!

3415. Re: MX7000

Newsgroup: rec.radio.scanner
Date: 1995-03-16 09:55:57 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <795347757snz@javiaton.demon.co.uk>
Source record: 260036

In article <9503121621.0MZML00@asb.com> tim.bono@asb.com writes:

>
> I recently came across a regency MX7000, looks to be in very
> good condtion, but I need a 12v or 120v (or both) power cable for
> it..... it's a small 3 prong triangular shaped jack on the back.
>
>
> Any ideas?

Tim,

Try EDCO (Or EEB - same crew). The lead is the same for the current AOR AR3000A so I would think they could help. If not try ACE - they handled AOR prior to EDCO and prior to becoming ACE I beleive there was a family connection to the Regency Co. who handled the MX range and others.

If that doesn't work I can help.

You will need to use a PSU with a 12v output, 500ma would be best.

The MX5000 was the same as the AR2001
MX8000 was a AR2002

MX7000 was a MX5000 with the extended coverage of the MX8000

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
(Please note missing "i" in Javiation for E-Mail only !)
\--/

3416. Needed: opinions on best scanning software

Newsgroup: rec.radio.scanner
Date: 1995-03-16 10:40:35 UTC
From: rick0@ix.netcom.com
Message-ID: <3k94j3$66g@ixnews3.ix.netcom.com>
Source record: 260037

I am seeking opinions on what the best scanning software is for a
Pro-2006/OptiScan456 combo is. I am looking for something that does:

o Spectrum analysis
o unattended scanning and logging
o logging of DTMF, etc. codes

Any suggestions are greatly appreciated.

3417. Re: AOR 8000

Newsgroup: rec.radio.scanner
Date: 1995-03-16 11:14:27 UTC
From: cremer@delphi.com
Message-ID: <9503160608591.DLITE.cremer@delphi.com>
Source record: 260040

>Is it true that when you set the delay on the AR8000, that it puts a delay
>on all the channels, and that you can't set a delay on just one channel?
>
>TTFN
>
>-Steven
>
>
>

Sadly, true.

3418. Re: using of cordless pho

Newsgroup: rec.radio.scanner
Date: 1995-03-16 11:32:00 UTC
From: <>
Message-ID: <8A59188.01F400004D.uuout@firstdue.uu.holonet.net>
Source record: 260039

From: Marcum@nance.demon.co.uk ("Marcum N. Nance III")
Path: holonet!colossus.holonet.net!news.sprintlink.net!peernews.demon.co.uk!nance.demon.co.uk!Marcum
Subject: Re: using of cordless phone
References: <D5DzGF.174@freenet.carleton.ca> <cd70613@pro-amber.cts.com> <3k5l42$pqs@feenix.metronet.com>
Organization: MNNANCE
Reply-To: Marcum@nance.demon.co.uk
X-Newsreader: Demon Internet Simple News v1.29
Lines: 17
X-Posting-Host: nance.demon.co.uk
Date: Thu, 16 Mar 1995 06:32:44 +0000
Message-ID: <795335564snz@nance.demon.co.uk>
Sender: usenet@demon.co.uk

In article <3k5l42$pqs@feenix.metronet.com>
gordon@metronet.com "Gordon Nodrog" writes:

> Any thing that can be coded can be uncoded. The Corba uses aone
> type of encription. With about 50 bucks and two hours you can buy
> and build a decoder. If there not sold in Monitoring Times there
> sold in National Scanning.

National Scanning? is this another mag? Ive never heard of this one
can you provide some details?

DISCLAIMER:
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and should not be construed as an endorsement for the illegal
use of computers or radio receiver equipments.
Marcum N. Nance III AKA marcum@nance.demon.co.uk
 Cam-Mail v1.40:

3419. Re: Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-16 13:41:24 UTC
From: Matt Wilson <wa2tpx@acy.digex.net>
Message-ID: <3k9f64$gqj@news1.digex.net>
Source record: 260042

Bishwa Shrestha <bishwa@rodeo.uwyo.edu> wrote:
>
> I have been listening to air com. especially from Denver Airport
> in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
> However, I am only able to receive one side of conversation, usually the
> pilot. I use PRO-39 with its built in antenna. Do I need to use the
> outdoor antenna to receive both side of conversation?
> My location is around 200 miles(?) north of Denver, in Laramie,
> Wyoming. Any response would be appreciated. BTW, we can also exchange
> some of the frequencies. I know this news-group has some wonderful
> people. Please post or send the private mail.
>
> Bishwa Shrestha, KC7JFV

Bishwa,
If you'd like up to date frequency information for aero comms there
are several very inexpensive government publications available to
help you in your local area.
First, I'd get the "U.S. Terminal Procedures" publication for your
area, in this case Volume SW-1. The publication lists every freq
in use and its purpose for every airport in the volume's area.
I pay $3.60 for the volume. Go to any airport, especially an
operator that gives flying lessons, and ask for the volume that
covers your particular area. They would be happy to help you.
ALSO, get the "Airport/Facility Directory", another cheapo govn't
publication that has EVERY airport in the country and very
important information for each.
All of the above publications have expirations of several months and
you might even be able to cut a deal with the aiport and get a
bunch of older 'expired' ones laying around free or at bargain
prices.
The aero maps, called 'sectionals', also have good info but you'll
spend some time sorting it all out. I don't see the need for this
unless in your air scanning you'd like to see VOR names, intersection
names, airway names etc to get some idea where a plane is located.
Hope this helps you and the newsgroup,
Happy aero scanning,
Matt - WA2TPX

3420. Re: AOR 8000 and SW

Newsgroup: rec.radio.scanner
Date: 1995-03-16 14:26:27 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <3k9hqj$71a@sparc.occ.uky.edu>
Source record: 260043

```
: i've been thinking
: about getting a little desktop antenna that i can use to switch back and
: forth between the 8000 and the 3000. Does anyone have any suggestions?

I have a rooftop-mounted discone and a long-wire (Windom design). I've
used both with the AR8000 and am pleased. I bought an A-B-C switch from
Radio Shack so I can switch between antennas and don't see a lot of
difference between the discone and the long wire.

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.
```

3421. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-16 14:59:41 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950316065513.11830D-100000@watson.ECE.ORST.EDU>
Source record: 260044

On 16 Mar 1995 chrisQ@ix.netcom.com wrote:

>
> >I hate to tell you, but, they work on Doppler shift. They use a CW beam
> >and you reflected signal is comapred against the original signal.
> Moving
> >radar has two beams, one is a High beam thats offset to track you the
> >victim, and the low beam thats pointed straight ahead and measures
> >vehicle speed. A nice FM Sawtooth signal centered on the radar freq
> jams
> >em quite well. Makes your speed go from -200 MPH to +200 MPH in about 2
> sec.
> >Us countermeasure techs know this. A lot of the guns have a feature
> >called Doppler Audio, basically it converts the reflected signal into a
> >tone. The higher pitched the tone, the faster you are going.
>
> Is that not what my second paragraph said...duh!!! maybe you
> countermeasures techs should consider an english class!!

Well, I believe you said that the radar sends out a pulse and when it
recieves a return it computes all the BS. It uses no pulse at all. It is
a continuous wave and the reciever recieves back a signal that is off the
center freq. The difference is your speed.

3422. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-16 15:08:56 UTC
From: hacker@patagonia.bellcore.com
Message-ID: <3k9ka8$jce@athos.cc.bellcore.com>
Source record: 260045

In article <3k8st3$7pg@ixnews4.ix.netcom.com>, chrisQ@ix.netcom.com (()) writes:
>In <3k810d$3jn@hopper.acm.org> mulligan@ACM.ORG (F. Barry Mulligan)
>writes:
>
>>> Radar signals (Rf) travels at a constant speed of of 1 mile
>>> in 6.18 microseconds.
>>
>>Errr... a radar pulse travels one nautical mile in 6.18 us. Last time I
>>checked, most jurisdictions measure speed limits in statute miles. Your
>>military electronics instructors were correct, they just left out some
>>of the details <g>.
>> /* barry /&
>
>Very true about being a nautical mile but I never heard of not being
>able to use such a measurement on land!

He was just correcting the original statement that RF signals
propagate at 'a constant speed of of 1 mile in 6.18 microseconds.'
^^^
Where such a measurement can be used was never under discussion.

I will further nitpick and say that it is only constant in a vacuum,
and in air the actual speed is 6.1777...*sqrt(Er) micro-s/naut-mile where
Er is the relative dielectric constant which is a function of
air density (and a lot of other things).

--
Jon Hacker

3423. Re: Standard Radio Users?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 15:36:03 UTC
From: k8zgw@hamnet.wariat.org
Message-ID: <D5JI04.IMx@hamnet.wariat.org>
Source record: 260047

In article <3k0itk$2ja@metroux.metrobbs.com>,
Rob Holland <cadsuper@big12.metrobbs.com> wrote:
>Ken Brooke (ken@mitre.org) wrote:
>: Anyone out there using a Standard (brand) amateur radio for scanning? I have a
>: C5718DA which has amazing wide coverage, including 800MHZ (less cellular), and
>: like it very much. Would like to compare notes with other users.
>
>: Ken
>: (ken@mitre.org)
>
>: My opinions are mine own.
>
>Yes! I cant believe it! I thought that I was the only one with that
>thing. I cant find anyone else out there that has one, or knows of where
>in the world I cant get the modification docs on that thing. I have uses
>for it ouside the ham bands to xmit on it, (legal uses by the way)

>I wonder just what your "LEGAL" uses are for an amateur handheld, as it is not
type accepted for ANY other service..... It is illegal to use in any other
service in the U.S. that I know of. Please advise.

--

Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org

Cleveland Hamnet BBS (216) 942-6382

3424. are all pro 2006s modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 15:43:37 UTC
From: raymo@netcom.com
Message-ID: <raymo-1603950748170001@192.0.2.1>
Source record: 260048

that's my question.

or are there newer models that are neutered for good?

thanks,

ray

3425. WANTED: Icom R-1 or R-100

Newsgroup: rec.radio.scanner
Date: 1995-03-16 15:45:54 UTC
From: domonkos@access.digex.net
Message-ID: <Pk5QliubGUR5066yn@access.digex.net>
Source record: 260046

Looking for either an Icom R-1 or R-100 in excellent condition. Thanks.

Andy

3426. Re: Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-16 16:28:58 UTC
From: hoffj@mhd1.moorhead.msus.edu
Message-ID: <3k9p0a$etl@urvile.MSUS.EDU>
Source record: 260074

Bishwa Shrestha (bishwa@rodeo.uwyo.edu) wrote:
: I have been listening to air com. especially from Denver Airport
: in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
: However, I am only able to receive one side of conversation, usually the
: pilot. I use PRO-39 with its built in antenna. Do I need to use the
: outdoor antenna to receive both side of conversation?
: My location is around 200 miles(?) north of Denver, in Laramie,
: Wyoming. Any response would be appreciated. BTW, we can also exchange
: some of the frequencies. I know this news-group has some wonderful
: people. Please post or send the private mail.

: Bishwa Shrestha, KC7JFV

My guess would be the added elevation of the aircraft allows you to
recieve thier singal. It would be like having a 900 foot tower. I beleive
it's northwest that runs that TV ad about back before "airfone" or
whatever, they could reach Chicago from Minneapolis on a good day.

Jerad

+--------------------------------------=----------------------------------+
|Citizens Band - Fubar MOORHEAD STATE UNIVERSITY Jerad Hoff |
|Amateur Radio - KB0PCH Moorhead, Minnesota |
|Scanner - NUIQ0 ((|)) |
|Telephone - (218) 236-3406 /-\ |
|Internet Email- hoffj@mhd1.moorhead.msus.edu /---\ |
|Packet Address- KB0PCH@W0ILO.#SEND.ND.USA.NOAM /-----\ |
|Snail Mail - 750 Nelson Hall, MSU; Moorhead, MN 56563 "Clapton is God"|
+--------------------------------------=----------------------------------+

3427. Interface DC-400 & Pro-2026?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 17:48:28 UTC
From: tja@netcom.com
Message-ID: <tjaD5Jo4s.7qv@netcom.com>
Source record: 260049
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have the interface instructions for connecting an Optotronics DC-400 tone decoder to a PRO-2026 scanner. I have an audio line in but I think it is in the wrong spot, and I can not figure out where to hook up the squelch gate circuit.

Any help would be appreciated, thanks.

Tom - WB1L
--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

3428. WTB: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:01:00 UTC
From: <>
Message-ID: <8A5930D.01F400002F.uuout@firstdue.uu.holonet.net>
Source record: 260051

```
Path: holonet!colossus.holonet.net!agate!ihnp4.ucsd.edu!network.ucsd.edu!equalizer!timbuk.
cray.com!driftwood.cray.com!jbadger
From: jbadger@poplar110.cray.com (Jon Badger)
Subject: WTB: AR8000
Message-ID: <1995Mar16.130114.20667@driftwood.cray.com>
Originator: jbadger@poplar110
Lines: 15
Sender: jbadger@poplar110 (Jon Badger)
Nntp-Posting-Host: poplar110
Organization: Cray Research, Inc.
Date: 16 Mar 95 13:01:14 CST

Wanted to buy: Used AOR8000 (unblocked)

Also, does anyone know of a better deal on a new AR8000 than these?

Javiation: $618.00 (US) includes shipping but not duty

ATLANTIC: $670.00 (US) includes shipping & duty
Atlantic also says they will give a full refund of purchase and
shipping charges if the radio gets returned to them by US customs.

The question is, does US customs return equipment that doesn't meet import regs?
Or do they keep it and put it in their annual auction?

---
```
 Cam-Mail v1.40:

3429. Nashville TN Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:01:32 UTC
From: DYBKAJ@HARPO.TNSTATE.EDU
Message-ID: <01HO7BHO57XE8WWV1O@HARPO.TNSTATE.EDU>
Source record: 260052

I have a LARGE file of Nashville/Davidson County freqs
I'd be happy to e-mail to anyone who wants one.
Jill
dybkaj@harpo.tnstate.edu
...I'm hesitant to post it here b/c of its size.

3430. Re: Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:07:17 UTC
From: jcosiman@clark.net
Message-ID: <3k9uol$6jn@clarknet.clark.net>
Source record: 260050

Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:

: Rather than getting into gory details here, anyone in the midwest (Missouri,
: Illinois, Indiana, Ohio areas) who does this, please feel free to
: email me for discussion. Others who listen in other areas and have noticed
: any similar upsurge in the last month may also feel free to email
: me.

: I *do* think it is a discussion best kept OUT of the newsgroup.

I don't want to get into any flame wars or anything, but this is the sort
of this I /want/ to see in r.r.s. I get sick and tired of post after post
asking for freqs and mods. For chrissake, go to oak.oakland.edu or get
Bill Cheek's books. Buy Police Call. Whatever. I think this is what the
group needs.

Just my two cents. No flames, please.

--
+--+
| jcosiman@clark.net |
| ++++++++++++++++++ |
| Finger for PGP public key |
+--+

3431. RE: DON'T EXPECT PRIVACY

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:28:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B0.059E00026C.uuout@iotp.com>
Source record: 260053

R> This article was in tonights newspaper, thought you'd like it:
R>
R> "DON'T EXPECT PRIVACY ON CORDLESS PHONE"
R> By "The Arizona Republic", Tucson, Ariz.
R>
R> "Drug dealers and everybody else should know not to expect privacy
R> when they talk on cordless telephones, the Arizona Court of Appeals
R> says.
R>
R> In a unanimous decision, the court's Tucson division has rejected
R> Ana Patricia Duran's argument that a search of her home, during which
R> large bags of marijuana and drug paraphernalia were discovered, was
R> based on an illegal wiretap.
R>
R> Police got a search warrant after Duran's neighbor, an off-duty
R> sheriffs deputy, intercepted her cordless-phone conversations with
R> his radio scanner.
R>
R> Duran later was found guilty in Pima County Superior Court of
R> possession for sale of marijuana and was sentenced to five years in
R> prison. She appealed, arguing that the search of her home violated
R> wiretap laws and, therefore, the evidence found could not be used
R> against her.
R>
R> Wiretap statutes protect wire, electronic and some oral communications
R> from unauthorized interceptions. Under the law, the radio waves between
R> a cordless-telephone handset and its base are not considered wire
R> or electronic communications.
R>
R> Based on the widespread use of cordless phones and the common knowledge
R> of how they work, Duran had no reason to believe that her talks would be
R> confidential, the court said in its Feb 28 opinion."

That was then, this is now.
What the Supreme Court said, was: "*THAT* police action was legal."
Now is different. *AT THAT TIME*, listening to cordless phones was legal.
Now, it's not. There has been a great deal of confusion on that. Channel 10
even had a talking head, while reporting this, look straight into the
camera, and say it is legal to monitor cordless phones. It's not.

Bill Funk
Internet: bill.funk@iotp.com

... Hello, you've reached The National Incontinence Hotline. Please hold
* Silver Xpress V4.00 SW12853

3432. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:28:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B0.059E00026B.uuout@iotp.com>
Source record: 260054

On 15 Mar 95 06:32am, BRIAN VARINE wrote to ALL:

>>stationary) Radar signals (Rf) travels at a constant speed of of 1 mile
>>in 6.18 microseconds. So the circuitry in the gun starts a timing
>>circuit when the gun fires and times the length until the pulse returns.
>>This would be for a unit that was not in motion, cop parked.

This will give distance, not speed. A doppler shift detection circuit is
used to determine speed. A modulated RF carrier is directed towards a
target. The moving target will compress (or expand, if moving away) the
modulation. You've heard this as a train moves past with the horn going: the
frequency drops as the train passes. Traffic radar measures that change in
the modulation to determine speed.

>> For a car in motion the gun sends out 2 pulses, one a little off to the
>> side of the car to bounce of a stationary object on the side of the road
>> to tell the gun how fast the cop car is moving thus determining the
>> doppler shift caused by the cop car movement. Then the second pulse
>> bounces off the target car and that doppler shift and the one from the
>> cop car are mathmatically figured to determine the target car speed.

The second signal is directed downwards to the road surface; it uses doppler
to determine the transmitter's speed. The other beam is as above, and the
two are compared, the transmitter's speed is deducted from or added to the
target's speed, depending on direction of travel of the target relative to
the transmitter.
Moving radar use can be done easily with a single-mode radar unit by first
getting the relative speed of the target, then taking a reading of the road,
and adding (or subtracting) that reading from the target's reading. ot done
very often, for various reasons.

>> Just what I have found out in my 7 years of being a radar tech. Which
>> has come in handy in beating a radar ticket in court! The cops know how
>> the gun works, Radar techs, know how and why so WE are the experts in
>> this area. Your tax dollars hard at work! Strange that now I going to
>> be a cop. Oh well.

Better stick to fixing them! ;-)

Bill Funk
Internet: bill.funk@iotp.com

... Error reading FAT Table. Try Skinny one? (Y/N).
* Silver Xpress V4.00 SW12853

3433. RE: RADAR JAMMERS-LEGAL?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:28:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B0.059E00026E.uuout@iotp.com>
Source record: 260055

On 14 Mar 95 09:34pm, BRIAN VARINE wrote to ALL:

BV> I've seen a few ad's for active radar jammers and the comapanies claim
BV> that they are legal since they put out a really small signal >10mW. The
BV> claim the FCC reg's somehow do not cover transmitters with very low
BV> output. They've told me that as of now they know of no law (they assured
BV> me that they have done research) that makes them illegal. I'm a little
BV> skeptical but the idea sounds great. Do these X-mitters get by under the
BV> same regs that allow those FM trasmitters to be sold (like wireless
BV> speakers and things like that). What law would make them illegal?

While their research into transmitter power is correct, they are forgetting that ANY attempt to jam ANY transmission is illegal, and jamming a public service transmission will get prompt action from many areas: local (obstructing justice comes to mind) and Federal (several FCC rules cover interference, both accidental and intentional).

Bill Funk
Internet: bill.funk@iotp.com

... If vegetarians eat vegetables, what do humanitarians eat?
* Silver Xpress V4.00 SW12853

3434. RE: ...POLICE/FIRE RADIO

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:28:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B0.059E000269.uuout@iotp.com>
Source record: 260056

On 15 Mar 95 07:54am, DAVID MARK wrote to ALL:

DM> You have THE police 10-codes and want some other codes?

DM> First of all, there is no police 10-code...there are dozens of
DM> them! Each department can invent their own code, and many do.

Actually, you will find that most Police Dept's use the APCO (Associated Public safety Communications Officials, inc.) ten signals list. This list goes up to 10-34 (Time). 10-35~39 are reserved for future use by APCO, and from 10-40 up can be defined by the using department. So, while 10-90 could mean "officer down - need help" to one department, another might have 10-90 mean "I need a 35mm camera". Yet, 10-17 should mean "Enroute" to most departments.

Bill Funk
Internet: bill.funk@iotp.com

... Warning! Scan shows Sysop in immediate area! Look Innocent
* Silver Xpress V4.00 SW12853

3435. SCANNER VS. CB

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:28:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B0.059E00026A.uuout@iotp.com>
Source record: 260057

On 15 Mar 95 07:47am, JOHN WILKERSON wrote to ALL:

JW> I agree with you.... I program ALL the hwy patrol _mobile_ freqs into my
JW> scanner. That way, when I hear anything at all, I know old Smokey is
JW> about. BUT then, I have a CB also, and can find out where they are a lot
JW> farther away than with a scanner alone.

I have found the same thing. While I travel, I find the scanner is very interesting, but the CB tells me where the Smokeys are, while the scanner won't. On flat terrain, I can get a 25-30 mile alert to a police position.

Bill Funk
Internet: bill.funk@iotp.com

... "Suicide Hotline...please hold for the next available..."
* Silver Xpress V4.00 SW12853

3436. RE: PRO43 BATT DRAIN?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:28:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B0.059E00026D.uuout@iotp.com>
Source record: 260058

On 15 Mar 95 04:31pm, DUNCAN wrote to ALL:

>> D> while the unit is off? I've been messing w/ one that is doing this and
>> Have you been able to actually measure current while the unit is off?

D> Are we talking about the natural and irritating of Nicads to just
D> discharge over time here, or the scanner using power to maintain its
D> memories when switched off? I would suspect the latter is not much,
D> since I sometimes leave my Pro39 for days without any power source
D> applied and the memories remain intact.
D> I heard something like it must actually be switched "OFF" or problems
D> arise...

I think the PRO-43 uses N-RAM, which needs no power to retain data, so
there'd be no drain for that.

Bill Funk
Internet: bill.funk@iotp.com

... "If you think Health Care is expensive now, wait until it's free!"
* Silver Xpress V4.00 SW12853

3437. RE: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:29:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B1.059E000271.uuout@iotp.com>
Source record: 260059

On 15 Mar 95 05:22pm, BILL SOHL BUDD LAKE wrote to ALL:
BS> True, but an argument could be made that a scanner in conjunction with
BS> any other transmitting equipment does constitute a transceiver.
BS> No one has tried that, yet I've not heard of anyone having to use
BS> the FCC preemption yet as those states with the problem laws all
BS> exempt hams completely.

While the argument could be made, the FCC has specifically stated that it
will not listen to the argument.
The FCC does not consider scanners to be HAM equipment. At all.
Also, there are several localities that ban scanners. And, a state that has
a ban on such equipment in vehicles is not affected by the FCC action, as
far as scanners are concerned. Only HAM gear.

Bill Funk
Internet: bill.funk@iotp.com

... "My tagline is in the shop. This is a loaner."
* Silver Xpress V4.00 SW12853

3438. RE: POLICE STATUS CODES

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:29:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B1.059E000270.uuout@iotp.com>
Source record: 260060

On 15 Mar 95 08:46pm, MICHAEL CONNER wrote to ALL:

MC> I checked in the FAQ and found nothing. Does anyone have a reference
MC> for police codes used on scanners?

Most police dept's use a few different code systems. The APCO 10-code system
is one (10-4, for example, means affirmative, or OK). Then there are
dispatch codes (code 2 may mean lights, no siren). The APCO codes are
standardized up to 10-39. From 10-40 up can be whatever the dep't wants.
other codes are particular to each dep't.
Where to get them? Find a local listener club, even a HAM club, as many HAMs
are scanner listeners, too. Local frequency guides will often have this
info. Here in Az., the AFD has it, if you can find one.
Where are you?

Bill Funk
Internet: bill.funk@iotp.com

... Ya know,some days are like 1 non seqitor after fish.
* Silver Xpress V4.00 SW12853

3439. RE: ENCRYPTION WAS: 800 M

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:29:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B1.059E00026F.uuout@iotp.com>
Source record: 260061

On 15 Mar 95 11:47pm, RICHARD M FLOOD wrote to ALL:

RM> 2.) Why did the the FBI and NSA try to push clipper? The
RM> average citizen wasnt concerned about encrytion. Yet
RM> these agencies were pushing for a system they could break.

That's an easy one. The FEDS want to be able to snoop (legally, of course) on all communications in this country. CLIPPER was pushed as a method to provide security for the user, and still allow the gov't to eavesdrop. The intention was for the Clipper chip to become the default or universal encryption method, thus enabling the Feds to only have one (or at the most, a few) systems to get into. One of the reasons this failed was because the really smart people in the Government (both of them ;-)) finally figured out that if you first encrypted your data, then sent it through Clipper, the Feds would only get encrypted data after using the Clipper keys. Duh!

Bill Funk
Internet: bill.funk@iotp.com

... Just because you're Paranoid, doesn't mean they're not out to get you
* Silver Xpress V4.00 SW12853

3440. RE: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:29:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A592B1.059E000272.uuout@iotp.com>
Source record: 260062

On 15 Mar 95 05:40pm, BILL SOHL BUDD LAKE wrote to ALL:

BS> : And before anyone asks, no, a handy-talkie attached to the top of a
BS> : scanner with duct tape does not make the scanner a transceiver.

BS> I think it'd be more prudent to suggest that no challenge has been
BS> made based on such a possibility. Since ham equipment can be
BS> home/brew (i.e. home-made) the co-packaging of a scanner and some
BS> type of ham transmitting equipment in something more than duct-tape
BS> would seem to pass the test of being a transceiver. Nothing in
BS> the FCC notice stated that only a transceiver made commercially
BS> was to be the definition of "transceiver."

Gee, how many wires have to be interconnected between the transmitter and
the scanner? Is wire wrap OK, or do they have to be soldered? Does the
transmitter have to switch the scanner on/off?
Isn't it really enough to say that the recent FCC action in question doesn't
cover scanners?

Bill Funk
Internet: bill.funk@iotp.com

... Vegetarians eat vegetables-Beware of humanitarians
* Silver Xpress V4.00 SW12853

3441. Re: Aircraft Communicatio

Newsgroup: rec.radio.scanner
Date: 1995-03-16 18:41:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.12827.1974@uchoice.com>
Source record: 260069

MW>Bishwa Shrestha <bishwa@rodeo.uwyo.edu> wrote: >> >> I have been listening to air com. especially from Denver Airport >> in around 20 exchange >> some of the frequencies. I know this news-group has some

MW>Bishwa,
>First, I'd get the "U.S. Terminal Procedures" publication for your
>area, in this case Volume SW-1. The publication lists every freq
>in use and its purpose for every airport in the volume's area.
>I pay $3.60 for the volume. Go to any airport, especially an
>operator that gives flying lessons, and ask for the volume that
>covers your particular area. They would be happy to help you.

I agree. Just go to a small county airport and ask. I used to go to the airport in Shelbyville, IN and they gave me all kinds of out of date (just barely) gov't publications with civillian and military frequencies in them. They just throw them away when they go out of date. They would be happy to give them to someone who could use them.
John.

• SLMR 2.1a • The man who dies with the most toys ... is dead

3442. WTB: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:01:14 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Mar16.130114.20667@driftwood.cray.com>
Source record: 260065

Wanted to buy: Used AOR8000 (unblocked)

Also, does anyone know of a better deal on a new AR8000 than these?

Javiation: $618.00 (US) includes shipping but not duty

ATLANTIC: $670.00 (US) includes shipping & duty
Atlantic also says they will give a full refund of purchase and
shipping charges if the radio gets returned to them by US customs.

The question is, does US customs return equipment that doesn't meet import regs?
Or do they keep it and put it in their annual auction?

3443. mod for PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:28:54 UTC
From: wun-chun@phoenix.ece.wisc.edu
Message-ID: <3ka3hm$ea1@news.doit.wisc.edu>
Source record: 260063

Does anything outt there know how to mod a PRO-51,
I heard that it only requires "software" mod
that only key punching is needed.
Thanks

Chun
--
==========Do you want to die young? If you know what I mean :) ==========
Email :wun-chun@cae.wisc.edu WWW: http://www.engr.wisc.edu/~wun-chun/homepage
Home :3164 Muir Field Rd., Apt#205, Madison, WI 53719 PHONE:(608)845-1551
Office:3652 Engr Hall, 1415 Johnson St., Madison, WI 53706 PHONE:(608)265-3826

3444. Re: Wanted: South Denver Metro area freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:46:23 UTC
From: jcy@eris.hsc.colorado.edu
Message-ID: <3ka4if$gkl@tali.hsc.colorado.edu>
Source record: 260064

In article <3jstq8$pl6@news-2.csn.net>, Norm Froman<nfroman@us.ices.com>wrote:
-*>Does anyone have a better list of the action freqs than are listed
-*>in the "Police Call" booklet? I would like to get a list that has
-*>better descriptions than in the book.
-*>
-*>Also anyone have the freq that Arapahoe County uses for Channel 3?
-*>
-*>Thanks in advance

Here is a list that might help:

-------------------------8<--------------------

Denver/Eastern Front Range/North Central CO Expanded Edition 9410

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Front Range.

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gain or republicationwithout permission of the Author in part or whole is
prohibited.

Updates to this list and other frequency lists are available for download
from The Enterprise BBS @ 659-8294 for the metro area and 785-0217 for the
Greely/Longmont/Ft. Lupton area, The King's Market BBS @ 665-6091 for the
Denver Metro area and Longmont, 225-3491 in the Fort Collins/Loveland/
Wellington area and 346-3491 in the Greeley Area. Please send all e-mail
correspondence to me through either of the above listed BBS systems.

Use of this information in the commission of a crime is prohibited
and prosecutable by Local, State & Federal Laws. I do not assume
responsibility for misuse of this information.

Due to the nature of Public Safety Communications frequencies and use
are constantly changing therefore I do not assume responsibility for
changes, incorrect information and omissions. Use of this list is to
enhance one's use of a scanner or similar type receiver.

At the time of release of this file there are no known mobile scanning
laws within the state of Colorado. However due to 'home rule' jurisdiction
allowed by the state it would be wise to check on local regulation in your
area.

I do not encourage anyone to "Chase" calls as you are asking for trouble
with law enforcement officials and they will not hesitate to prosecute.

KEY INDEXES AND DEFINITIONS

F-# Short for channel . i.e. F-1 is the same as channel 1.
###.##### S Indicates non-repeater use. Both base and mobile stations
use the same Frequency Commonly referred to as "Simplex"
PD Police Department
FD Fire Department
FPD Fire Protection District
LG Local Government. i.e. Public Works, Animal Controletc...
R-# Repeater Frequency sequence for trunked G.E. systems
M-# Mobile transmit frequencies for trunked G.E. systems
for "Input Scanning"
IFB Interruptable Feed/Fold Back. TV audio feed for reporters.

NOTES FOR OCTOBER:

AURORA 800:

On October 10th Simulcasting of the two dispatch groups and the Services
Group on the old UHF radio system were discontinued. The Auora Fire
Department will continue to simulcast their dispatch group on 154.400 until
completion of their new fire station signalling system.

DOUGLAS COUNTY FIRE:

The changeover for all of the agencies that are dispatched by the county
is completed. To our knowledge all Douglas County Fire agencies except
Parker and Louviers ares dispatched by the county on 151.115.

DENVER 800:

Same old same old. Intemittent crashes, consoles failing and four
letter verbs over the air about system manager failures. Time to string
up the equipment manufacturer in my opinion.

TANDY NEWS:

As if it were not commonly known Tandy Corporation [aka Radio Shack]
had to pull all their 800 MHz scanners that were manufactured by uniden
after the implementation of the TDDRA in April because of a factory test
mode that included one of the Cellular frequencies announced the PRO-51
should be back in the stores this month. Tandy also released the PRO-2035
the 1000 channel successor to the PRO-2006. There have been mixed comments
about the new scanner and complaints about the setup of 10 banks of 100
channels that lead to a lot of unused memory locations in cases where a
bank is dedicated to a trunked radio system which will at the most use
only 20 channels. Otherwise use for blocks of frequencies works well.
For now anyway rampant word on the street is that Tandy will be trying
to get a 400 channel triple conversion portable out by Christmas.

SEASONAL FREQUENCIES:

With the rapid approach of the winter season on us adding the highway
maintenance frequencies can be very benificial while traveling or on
the way to and from work. The Colorado Department of Transportation

frequencies are of value when traveling the interstate highways. Here is a listing of the CDOT frequencies used for the Front Range and Summit County. 151.070, 151.085 for the Metro Area and I-70 Tunnel approaches. 151.265 for El Paso County. And 159.045 for Boulder, Larimer and Weld Counties. These frequencies are allocated statewide so these will be active in other areas of the state. For specific areas look under the area jurisdiction for which you are interested in with frequencies listed as street maintenance or city services.

CREDITS:

Somebody suggested I should do this more often so... Thanks go to Randy Lynch for being himself. Bill Koppleman for spreading the word on this and the echo on the Rocky Mountain Monitoring Net on 147.225 Sunday evenings at 8 P.M. Radar Kessler for the encouragement. Jim at Mountain NewsNet for information pertaining to the reorganized Douglas County Fire communications system and South Metro Fire communciations system. Marshall Barry and Bob Whiston for getting the echo mess fixed. The people who participate in the echo and who corner me in person. And finally you who are reading this and making it worth the effort!

ADAMS COUNTY COMMUNICATIONS

[POLICE]
460.075 F-1 S.O. Dispatch
460.175 F-2 S.O./Commerce City PD Car to Car
453.350 F-3 Commerce City PD Dispatch
460.450 F-4 DATA-1 Clearances
460.125 F-5 DATA-2 Clearances
460.500 F-6 Brighton/Northglenn PD Dispatch
460.225 F-7 Brighton/Northglenn/Thornton PD Car to Car
460.275 F-8 Thornton PD Dispatch
460.425 F-9 CLEER [ALL AGENCIES]
453.625 F-10 ENTAC [ALL AGENCIES]
453.700 F-11 Special Operations PD/FD Coordination
453.300 F-12 Jail Operations
[FIRE]
460.525 F-1 South Adams/Brighton Dispatch
460.600 F-2 South Adams/Brighton Fireground
460.550 F-3 North Metro Dispatch
453.975 F-4 North Metro Fireground
460.575 F-5 Southwest Adams/North Washington Dispatch
460.375 F-6 Southwest Adams/North Washington Fireground
453.700 F-7 Special Operations PD/FD Coordination
453.625 F-8 ENTAC [ALL AGENCIES]
154.250 F-9 Bennet Dispatch
45.200 State EOC NET
46.480 North Metro Paging only
47.340
[LOCAL GOVERNMENT]
45.480 S Street Maintenance

45.640 S Animal Control
46.540
47.280
[SCHOOLS]
151.625 S COUNTYWIDE
151.655 S COUNTYWIDE
155.265 S School Dist 12 Buses
[UTILITIES]
153.590 S South Adams Couty Water and Sanitation Dist.

AIR-LIFE DENVER METRO
[AIR AMBULANCE]
123.075 S Dispatch

AIR-LIFE 911 WELD/LARIMER COUNTY
[AIR AMBULANCE]
155.400 S Dispatch [Weld County]

AKRON
[FIRE]
154.025 S Dispatch
155.340 S Washington County Hospital
[LOCAL]
46.560 S Public Works
[SCHOOLS]
155.160 S Buses
[UTILITIES]
153.485 S YW Electric Association
158.160 S YW Electric Association

ALLENSPARK FIRE
[FIRE-DISP BY BOULDER COUNTY]

ALPINE RESCUE
[RESCUE]
155.160 S Operations
155.175 S Operations
155.205 S Operations
155.235 S Operations

AMERICAN RED CROSS

47.420 S Nationwide Operations Channel [Nationwide]
47.460 S Denver Metro Operations Dispatch

AMR AMBULANCE
[VHF/UHF/800 CONVENTIONAL]
855.2625 RED Dispatch [PRIMARY]
155.2200 S GRN Status
851.2375 BLU TAC/Special Events
155.2050 S Multiple Use [DEMARC]
155.2800 S Boulder County Dispatch
155.3400 S HEAR

464.7500
464.4750
463.4500 Kaiser Link

ARAPAHOE COUNTY
[POLICE]
155.670 F-1 Dispatch
155.415 F-2 Clearances & Information.
155.055 F-3 Car to Car/Tactical
154.025 S F-4 Cherry Hills Car to Car.
155.805 F-5 Tactical
460.175 Adams County Link [Eastern County area]
155.595 District Attorney [Phone Patch]
155.475 S NLENC
155.640
460.425 S CLEER

[COURTS/JAIL FACILITIES]
856.3125 Jail/Court Security
857.3125 Jail/Court Security
858.3125 Jail/Court Security
859.3125 Jail/Court Security
860.3125 East Jail Facility
[LOCAL GOVERNMENT]
151.235 S. Suburban Parks & Rec District
155.760
155.805 Animal Control/Water.
156.045 County street maintenance.
159.450 Parks
852.4125 Airport Authority
853.4625

ARAPAHOE RESCUE
[RESCUE]
155.160 S Operations
155.235 S Operations
155.295 S Operations

ARVADA
[POLICE/LOCAL MULTI-AGENCY TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

TALK GROUP I.D.'s
Channel 1 Dispatch
Channel 2 Clearances
Channel 3 Undefined
Channel 4 Car to Car
Channel 5 Undefined
Channel 6 Tactical Use
SIU Investigators
ICALL Dispatch to Indivual Car
[FIRE]
453.150 F-1 Dispatch
453.550 F-2 Fireground/Admin.
154.280 S FERN

AURORA
[POLICE/FIRE/LOCAL TRUNKED 800 MOTOROLA SMARTNET-II SYSTEM]
R-1 860.9875 R-10 858.9625
R-2 860.9625 R-11 858.9375
R-3 860.9375 R-12 858.7625
R-4 860.7625 R-13 857.9875
R-5 859.9875 R-14 857.9625
R-6 859.9625 R-15 857.9375
R-7 859.9375 R-16 857.7625
R-8 859.7625 R-17 856.9875
R-9 858.9875 R-18 856.9625

Fleet I.D.'s
[POLICE]
APD-1 North Police Dispatch
APD-2 South Police Dispatch
APD-SVCS Clearances/Information/Etc
TAC-1-6 Tactical/Car To Car
VICE-1-5 Vice Bureau
[FIRE]
AFD-1 Fire Dispatch
TAC-1-6 Fireground/Tactical/Incident Command
FERN Crosslink to 154.280 FERN Intersytem.

[FIRE-VHF CROSSLINKS]
154.100 Civil Defense system
154.280 S FERN
155.340 S HEAR
[SCHOOLS]
464.775 F-1 Buses
464.975 F-2 Maintenance and Security
464.875 F-3 Operations

BENNETT
[FIRE-DISPATCHED BY ADAMS COUNTY]
154.250 F-1 Dispatch
154.280 FERN
154.265 FERN 2

[LOCAL]
152.315 S

BERTHOUD
[POLICE-DISPATCHED BY LARIMER COUNTY]
155.130 F-1 Dispatch
155.565 S F-3 Clearances
155.100 S Tactical
[FIRE]
153.965 S Dispatch
154.355 S Tac
154.280 S FERN

BLACK FOREST FPD
[FIRE]
154.325 El Paso County Dispatch
154.235 Dispatch

BLACKHAWK
[POLICE]
155.820 Dispatch
[FIRE]
154.040 S Dispatch

BOULDER CITY AND COUNTY
[POLICE]
155.145 GREEN S.O. & City Primary Dispatch
155.520 S VIOLET Clearances all agencies
155.655 YELLOW Car to Car all agencies
156.135 BLUE CITY POLICE Secondary/Overload Dispatch
155.490 S BRONZE Detectives/Car to Car
158.775 GREY Paging
155.025 GOLD C.U. Parking
155.190 SILVER C.U. Police
155.010 S BLACK
453.8125S Call Boxes
465.3125 County Jail
155.475 S NLENC
460.425 CLEER
[FIRE]
154.325 S Red 1 Dispatch
154.205 S Red 2 City Fireground
154.415 S Red 3 Fireground Direct
151.355 Red 3 Fireground Repeater
153.830 S Red 4 Fireground
153.890 S Red 5 Boulder Rural Dispatch
155.205 S Rescue
154.280 S FERN
[AMBULANCE]
155.280 S AMR Ambulance
[LOCAL GOVERNMENT]

153.860 S ORANGE City Street Maintenance
154.980 S WHITE Animal Control.
156.180 S BROWN Street Maintenance

BRIGHTON
[POLICE-SEE ADAMS COUNTY COMMUNICATIONS]
453.775 Future Use
[FIRE-SEE ADAMS COUNTY COMMUNICATIONS]
[LOCAL GOVERNMENT]
45.600 S City Services.
[SCHOOLS-ADAMS COUNTY]
464.4375 BRIGHTON

BROOMFIELD
[POLICE]
453.050 F-1 Dispatch
453.525 F-3 Information
460.425 CLEER
[FIRE-NORTH METRO FPA]
460.550 Dispatch [Adams County]
453.975 FireGround
[LOCAL GOVERNMENT]
45.140 Public Works
45.360 S City ops.
[SCHOOLS]
461.650 BROOMFIELD
468.7125 BROOMFIELD

BRUSH
[POLICE]
154.085 S Dispatch
[FIRE]
155.940 S Dispatch

CASCADE FPD
[FIRE]
154.430 Dispatch

CASTLE ROCK
[POLICE]
155.685 F-1 Dispatch
[FIRE]
151.115 Dispatch [Douglas County]
154.175 S Fireground
[LOCAL GOVERNMENT]
453.875 Public Works

CASTLEWOOD FPD
[FIRE-SEE SOUTH METRO FIRE]

CENTRAL CITY
[POLICE/FIRE]

153.845 [Gilpin County]
154.860 [Gilpin County]
155.160 S Rescue
[LOCAL GOVERNMENT]
155.895 S City Services

CHEYENNE WYOMING
[POLICE]
154.800 F-1 Dispatch
155.610 F-2 TAC
154.875 STATE INTERSYSTEM
[FIRE]
154.400 Dispatch

CHERRY HILLS
[POLICE-SEE ARAPAHOE COUNTY]
154.025 S F-3 TAC
[FIRE-SEE SOUTH METRO FIRE]

CIVIL AIR PATROL
[SEARCH & RESCUE]
148.150 PRIMARY Search & Rescue Ops Nationwide
148.125 S Simplex 1 Nationwide
143.750 S Simplex 2 Nationwide
121.500 Worldwide Air Emergency VHF
143.825 S Voice or Data
243.000 Worldwide Air Emergecny UHF
26.620 S Nationwide

CLEAR CREEK COUNTY
[POLICE/FIRE]
155.610 BLUE S.O. Dispatch
155.025 GREEN Fire /Secondary S.O. Dispatch
155.100 S TAC
[LOCAL GOVERNMENT]
155.745 County Services

COLORADO SPRINGS
[POLICE]
453.750 F-1 East Dispatch
453.850 F-2 West Dispatch
453.550 F-3 North Dispatch
453.475 F-4 Clearances/Tactical
453.300 F-5 Tactical/Detectives
[FIRE]
460.625 Dispatch
460.525 Fireground
460.575 Admin
154.130 Station Alarms
[LOCAL GOVERNMENT]
151.370 S
153.935

158.130 S Water
158.835 Power
158.895 Digital Data
159.255 S
451.475 Water
453.500 Airport Ops
453.900 Pikes Peak Ops
453.975 Pikes Peak Ops
[TRANPORTATION]
453.150 Buses
453.575 Admin/Maintenace Ops

COLORADO STATE OF
[POLICE]
45.200 S STATEWIDE E.O.C. DISASTER NET
154.665 S CSP JEFFERSON/GILPIN/CLEAR CREEK Dispatch
154.665 S CSP LAS ANIMAS/HUERFANO Dispatch
154.680 S CSP DENVER METRO TAC
154.680 S CSP DELORES/SAN JUAN/MONTEZUMA/LA PLATA/ARCHULETTA
Dispatch
154.695 CSP LOGAN/SEDGWICK/PHILLIPS Dispatch
154.695 S CSP Dist 4 Areas TAC
154.695 CSP SAGUACHE/MINERAL/RIO GRANDE/ALAMOSA Dispatch
154.695 CSP CONEJOS/COSTILLA Dispatch
154.695 S CSP DENVER METRO TAC
154.740 S CSP BOULDER Dispatch
154.755 S CSP CHEYENNE/KIT CARSON Dispatch
154.755 CSP MONTROSE/SAN MIGUEL/OURAY Dispatch
154.755 CSP JACKSON/GRAND Dispatch
154.755 S State Capital Police.
154.770 S CSP PUEBLO/CUSTER/FREMONT/CHAFFEE Dispatch
154.770 S CSP Dist 3 Areas TAC
154.800 S Limon
154.830 CSP WESTERN ARAPAHOE/DOUGLAS/WESTERN ELBERT Dispatch
154.830 CSP MOFFAT/ROUTT/WEST CENTRAL & N.E. Rio Blanco Dispatch
154.845 S CSP Dist 5 Areas TAC
154.905 S CHANNEL 3 STATEWIDE NET
154.920 S CSP WESTERN ADAMS Dispatch
154.935 S CSP WELD/LARIMER Dispatch
154.935 s CSP District 2 areas TAC
155.190 State Universities Police Denver, Boulder
155.310 S Institutions. FT. Logan & State Correctional Facilities
155.445 CSP SUMMIT/PARK Dispatch
155.445 S Elbert County
155.460 C.B.I.
155.475 S NLENC
155.505 S CSP District 6A TAC
155.550 CSP E. ADAMS/E. ARAPAHOE/CENTRAL & EASTERN ELBERT
Dispatch
155.565 S CSP GARFIELD/MESA Dispatch

155.580 CSP MORGAN/WASHINGTON/YUMA Dispatch
155.700 CSP DELTA/GUNNISON/HINSDALE/ WEST & N.W. SAGUACHE
Dispatch
155.730 S CSP CENTRAL TO S.E. RIO BLANCE/EAGLE/LAKE/PITKIN Dispatch
156.090 Department of Corrections Prison Ops Denver Metro
156.090 S CSP KIOWA/BENT/BACA/CROWLEY/OTERO Dispatch
156.210 CSP EL PASO/TELLER Dispatch
460.425 CLEER
866.0125 I-CALL Statewide interagency calling channel
866.5125 NPS-1 Statewide interagency Tactical channel 1
[TRUNKED 800 G.E. EDACS SYSTEM DENVER METRO]
Sequence # Repeater Input
R-1 866.4875 M-1 821.4875
R-2 867.4875 M-2 822.4875
R-3 868.4875 M-3 823.4875
R-4 866.9875 M-4 821.9875
R-5 867.9875 M-5 822.9875

[DEPARMENT OF TRANSPORTATION]
151.070 Denver Metro, Douglas, Elbert.
151.085 Denver Metro, Eisenhower Tunnel.
151.265 Colo Springs, Pueblo, Other areas
159.045 Weld,Larimer,Morgan,Boulder
854.3125 Denver Metro, Highway Paving and Construction Crews
[LOCAL GOVERNMENT]
45.240 S State Forests.
45.280 S State Forests.
72.080 S
72.200 S
155.040 S
453.200 State Universities maintenance
854.4625
[UNIVERSITIES]
155.025 CU Boulder Parking Enforcement
155.190 CU Boulder Police
453.200 UNC Greeley Police/CU Boulder Ops and Paging
453.400 UNC Greeley
453.400 CSU Fort Collins Operations
460.050 CSU Fort Collins Police
460.150 CSU
854.9625 University Hospital Denver Police.

[UNIVERSITY OF COLORADO AT DENVER TRUNKED 800 MOTOROLA SMARTNET-II SYSTEM]
T-1 868.4625
T-2 867.9625
T-3 867.4625
T-4 866.9625
T-5 866.4625
[STATE PARKS & WILDLIFE]
151.145 F-1 Western Slope
151.175 F-2 Southern Colorado

151.190 F-3 N.E. Colorado [Denver/Fort Collins Division]
151.280 TAC-1 Also Cherry Creek State Park
151.370 TAC-3 Also Chatfield State Park
151.430 TAC-4 Golden Gate State Park

COMMERCE CITY
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications]
[LOCAL GOVERNMENT]
45.720 S Street Dept
45.440 S Public Works

CUNNINGHAM F.P.D.
[FIRE-SEE SOUTH METRO FIRE]

DACONO
[POLICE-SEE WELD COUNTY]
460.325 S Tactical "City Channel"
[FIRE-SEE BOULDER COUNTY FIRE/MOUNTAIN VIEW FIRE]

DENVER CITY AND COUNTY
[POLICE/FIRE TRUNKED 800 G.E. EDACS SYSTEM]

Sequence # Repeater Input
R-01 854.9875 809.9875
R-02 855.4875 810.4875
R-03 855.9875 810.9875
R-04 856.4875 811.4875
R-05 857.2375 812.2375
R-06 857.7375 812.7375
R-07 858.4875 813.4875
R-08 859.2375 814.2375
R-09 859.7375 814.7375
R-10 860.4875 815.4875
R-11 855.2375 810.2375
R-12 855.7375 810.7375
R-13 856.2375 811.2375
R-14 856.7375 811.7375
R-15 857.4875 812.4875
R-16 858.2375 813.2375
R-17 858.7375 813.7375
R-18 859.4875 814.4875
F-19 860.2375 815.2375 R2R-1
F-20 860.7375 815.7375 R2R-2

TALK GROUP I.D.'s:
DISPATCH 1 Dist 1 Northwest Dispatch
TAC 1 [Sub Group] Dist 1 Tactical
CARTOCAR 1 [Sub Group] Dist 1 Car to Car
DISPATCH 2 Dist 2 North Central Dispatch
TAC 2 [Sub Group] Dist 2 Tactical
CARTOCAR 2 [Sub Group] Dist 2 Car to Car

DISPATCH 3 Dist 3 Southeast Dispatch
TAC 3 [Sub Group] Dist 3 Tactical
CARTOCAR 3 [Sub Group] Dist 3 Car to Car
DISPATCH 4 Dist 4 Southwest
TAC 4 [Sub Group] Dist 4 Tactical
CARTOCAR 4 [Sub Group] Dist 4 Car to Car
DISPATCH 5 Dist 5 Northeast
TAC 5 [Sub Group] Dist 5 Tactical
CARTOCAR 5 [Sub Group] Dist 5 Car to Car
DISPATCH 6 MULTIPLE USE
CITYWIDE [Sub Group] Car to Car all Districts
CLEARANCE1 All Districts Clearances
CLEARANCE2 All Districts Clearances
FIRE 1 Fire Dispatch
FIRE 2 Fireground
FIRE 3 Fireground
FIRE 4 Fireground
RADIO TO
RADIO # Fireground Simplex
DA 1-? District Attorney
JAIL 1-? Denver County Jail
NARC 1-4 Intel Bureau
SUPER 1-5 Supervisior Car to Car
VICE 1-? Vice bureau
CTF 1-? Classified Use
CAR Car to Car simplex
CITYWIDE General Car to Car
ICALL [Sub Group ALL] Dispatch to Individual car or
Individual car to car [Selective calling]
METROWIDE ALL GROUP SIMULCAST Usually Emergency

[FIRE VHF]
154.070 Paging/Station Monitors
154.280 S FERN Intersystem
155.955 Civil Defense Siren System
[AMBULANCE VHF]
155.340 S HEAR [Mutual Aid for DGH Call Overload]
[LOCAL GOVERNMENT]
48.500 S Denver Water Board Mountain Use
153.815 S Multiple Use
453.175 Denver General Paging
453.675 Paging
868.0875 Denver Housing Authority
[SCHOOLS]
461.675 Buses
464.375 Buses

[PUBLIC WORKS TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-01 858.4625 813.4625
R-02 859.2125 814.2125

R-03 859.4625 814.4625
R-04 860.2125 815.2125
R-05 860.4625 815.4625
R-06 855.4625 810.4625
R-07 856.2125 811.2125
R-08 856.7125 811.7125
R-09 857.4625 812.4625
R-10 858.2125 813.2125
R-11 858.7125 813.7125
R-12 859.2625 814.2625
R-13 859.7125 814.7125
R-14 860.2625 815.2625
R-15 860.7125 815.7125

[STAPLETON AIRPORT CONVENTIONAL NON-TRUNKED]
856.4375 F-1 Tower/Fire/Administration/Crash Investigators
857.4375 F-2 Runway Maintenance & Snow Removal.
858.4375 F-3 Building Maintenance.
859.4375 F-4 Technical/Operational Support.
860.4375 F-5 Police.

[DENVER INTERNATIONAL AIRPORT TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-01 855.2125 810.2125
R-02 855.7125 810.7125
R-03 856.4625 811.4625
R-04 857.2125 812.2125
R-05 857.7125 812.7125
R-06 866.3625 821.3625
R-07 867.8375 822.8375
R-08 867.5375 822.5375
R-09 866.6625 821.6625
R-10 866.9375 821.9375

DONALD WESCOTT FPD
[FIRE]
154.160 Dispatch

DOUGLAS COUNTY
[POLICE]
154.785 F-1 Dispatch
151.385 F-2 Car to Car /Tac
154.965 S F-3 Tac
[FIRE]
151.115 F-1 DC FIRE Dispatch
151.025 West Douglas Fire Ops
151.205 Franktown Fire Ops
154.175 S Castle Rock Fire Ops
154.265 S FERN-2
154.280 S FERN
154.295 S FERN-3

155.115 S Countywide Fireground
155.940 S Jackson 105 Fire Ops
155.160 S Rescue
[LOCAL GOVERNMENT]
151.130 Road Maintenance
156.165 S County Ops

EATON
[POLICE-See Weld County]
453.725 S Tactical/Car to Car ["City Channel"]
[FIRE]
154.145 S Dispatch [Weld County]

EDGEWATER
[POLICE-SEE JEFFERSON COUNTY]
154.995 S Administration
[FIRE]
154.445 S Dispatch

ELBERT COUNTY
[POLICE]
151.100 F-1 Dispatch
[FIRE]
153.995 S Dispatch
453.050 Ambulance
[LOCAL]
151.055 Road maintenance
[SCHOOLS]
154.540 S

ELIZABETH
[FIRE]
154.205 S Dispatch

ELK CREEK
[FIRE]
45.080 S F-1 Dispatch [Jefferson County]
45.200 S F-2 Fireground
45.380 TAC-3 Fireground

EL PASO COUNTY
[POLICE]
155.610 F-1 Dispatch
154.860 S F-2 Clearances
154.725 F-3 Car to Car
151.295 F-4 Investigators
453.400 Phone Patch
460.200 Administration
460.250 Administration
460.425 CLEER
[FIRE]
154.235 S Black Forest F.P.D.

154.325 Countywide Dispatch
154.430 S Cascade F.P.D.
154.445 S
[LOCAL GOVERNMENT]
151.250
154.055 S Code Enforcement/Animal Control
453.725 El Paso Community College Maintenance

ENGLEWOOD
[POLICE]
155.730 F-1 Dispatch
154.875 F-2 Information
460.425 CLEER
[FIRE]
154.160 Dispatch
154.340 South Metro
154.280 S FERN
[LOCAL GOVERNMENT]
153.800 City utilities

ERIE
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.355 S F-2 Fireground [Mountain View]
154.280 S FERN
[LOCAL]
453.9125S

ESTES PARK
[POLICE]
155.910 Dispatch
[FIRE]
159.405 S Dispatch
[UTILITY]
153.440 S Public Service Company

EVANS
[POLICE-See Weld County]
154.055 S Police "city channel"/Local Gov't
453.725 S

EVERGREEN
[FIRE]
453.950 Dispatch
453.375
453.475
45.520 Simulcast of 453.950
[UTILITY]
153.680 S Public Service Company

FAIRMOUNT F.P.D.
[FIRE]

154.385 Dispatch

FEDERAL HEIGHTS
[POLICE]
453.575 Dispatch
453.625 ENTAC
460.425 CLEER
[FIRE]
453.900 Dispatch
[LOCAL]
453.100 Public Works
453.750 Hyland Hills Ops
[SCHOOLS-ADAMS COUNTY]
463.250 FEDERAL HEIGHTS

FLIGHT FOR LIFE - PROVENANT / ST. ANTHONY'S DISPATCH
[Note: Chopper has access to all VHF/UHF land mobile frequencies.]
130.150 S Dispatch Primary
123.050 S Dispatch Secondary
154.280 S FERN
155.340 S HEAR
460.425 S CLEER
463.225

FORT COLLINS
[POLICE -CAD/MDT Dispatched]
460.300 F-A Dispatch
460.350 F-B Clearances/Car to Car
453.600 F-C PD/FD TAC
460.425 CLEER
855.9625 CAD/MDT Data Channel
[FIRE]
460.625 F-1 Poudre Valley Fire Authority TAC
460.600 F-2 Poudre Valley Fire Authority DISPATCH
[LOCAL GOVERNMENT]
45.560 S
158.760
453.925
[TRANPORTATION]
453.750 Buses

FORT LUPTON
[POLICE]
159.255 S F-1 Dispatch
155.880 S F-2 Tactical
[FIRE]
154.235 S Dispatch
[LOCAL GOVERNMENT]
155.880 s Public works [Shared with Police]

FORT MORGAN
[FIRE-ALSO SEE MORGAN COUNTY FIRE]

154.430
[LOCAL]
155.820 S

FRANKTOWN F.P.D.
[FIRE]
151.115 S Dispatch [Douglas County]
151.205 S Fireground

FREDRICK F.P.D.
[FIRE]
153.785 S F-1 Dispatch [Weld County]
154.130 S F-2 Fireground

GENESEE F.P.D.
[FIRE]
45.080 S F-1 Dispatch [Jefferson County]
45.200 S F-2 Tactical [jefferson County]
46.100 S F-3 Fireground

GEORGETOWN
[FIRE]
154.355 S
155.100 S Primary [Also Clear Creek Co Fire Net]

GILPIN COUNTY
[POLICE/FIRE]
153.845 F-1 Dispatch
154.860 F-2 Tac
155.160 S [Rescue]
154.280 S FERN
155.475 S NLENC
[LOCAL GOVERNMENT]
159.180 S Road Maintenance

GLENDALE
[POLICE]
460.350 Dispatch
460.425 S CLEER
[FIRE]
453.250 Dispatch

GOLDEN
[POLICE]
155.910 F-1 Dispatch
159.465 S
155.475 S NLENC
460.425 CLEER
[FIRE]
155.835 Dispatch
154.280 S FERN
[LOCAL]

159.345 S

GRAND COUNTY
[POLICE]
153.815
155.685
[FIRE]
155.400 S EMS

GREELEY
[POLICE-CAD/MDT DISPATCHED]
453.300 F-1 Dispatch
453.550 F-2 Clearances/Tac
453.875 F-3 Tactical [Nights]
460.425 CLEER
866.0375 CAD/MDT Data
866.1375 CAD/MDT Data
[FIRE]
453.150 Dispatch
[LOCAL GOVERNMENT]
153.935 S Airport Authority
453.875 Public works
[TRANPORTATION]
453.750 Buses.

GREENWOOD VILLAGE
[POLICE]
155.010 F-1 Dispatch
453.650 TAC
460.425 CLEER
[LOCAL GOVERNMENT]
453.650 Street maintenance

HIGH COUNTRY FPD
[FIRE]
154.145 S Dispatch

HIGHLANDS RANCH METRO DIST
[LOCAL GOVERNMENT]
156.060 Water

HUDSON
[FIRE]
154.250 S Fireground

HYLAND HILLS METRO DISTRICT
[LOCAL GOVERNMENT]
453.750 S Operations

IDAHO SPRINGS
[LOCAL GOVERNMENT]
155.100 S

IDLEDALE F.P.D.
[FIRE]
46.080 S Fireground

INDIAN HILLS F.P.D.
[FIRE]
45.320 S Fireground
153.935 Mobile Extenders & repeater link to 45.080
453.2875 Fireground

INTERCANYON F.P.D.
[FIRE]
453.0125S Fireground

JACKSON 105 FPD
[FIRE]
151.115 Dispatch [Douglas County]
155.940 S Fireground

JEFFERSON COUNTY
[POLICE]
155.250 F-1 Main
155.370 F-2 Car to Car/Tactical
155.430 S F-3 Information/Clearances
155.475 S NLENC
154.280 S FERN
151.040 Paging
453.850 Jail Ops
460.025 S Administration/Detectives/District Attorney.
460.425 CLEER
866.6375 Jail
[FIRE]
45.080 S F-1 Dispatch
45.200 S F-2 Fireground. [Also State EOC]
154.265 S FERN-2
154.280 S FERN
154.295 S FERN-3
[LOCAL GOVERNMENT]
153.740
155.085
155.145
156.000 Parks/Animal Control/Senior Resource Center.
156.105
156.240 County Road Maintenance.
[SCHOOLS]
461.150

KIOWA FPD
[FIRE]
153.995 Dispatch

LAFEYETTE
[POLICE]

155.145 GREEN Dispatch [Boulder County]
155.655 YELLOW Tactical [Boulder County]
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.415 S RED-3 Fireground
[LOCAL GOVERNMENT]
37.100 s Public Works
37.260 s Public Works

LAKESIDE
[POLICE]
453.750 Park Operations/Phone Patch

LAKEWOOD
[POLICE]
460.050 F-1 North Dispatch
460.150 F-2 South Dispatch
460.325 F-3 Car to Car/Clearances
460.425 CLEER
460.475 CAD/MDT DATA
[LOCAL GOVERNMENT]
453.925 Public Works

LAKEWOOD/BANCROFT FIRE AUTHORITY
[FIRE]
154.130 F-1 Dispatch
154.190 F-2 Administration
154.220 F-3 Dispatch
154.250 S F-4 Fireground

LARIMER COUNTY
[POLICE]
155.130 F-1 Dispatch
155.565 F-3 Car to Car/Clearances
155.475 NLENC
460.425 CLEER
[FIRE]
154.385 S County Fire net.
154.280 S FERN
[AMBULANCE]
155.340 S
155.385 S Rescue
[LOCAL GOVERNMENT]
45.120 Road Maintenance
154.115 S Parks
159.105 Paging

LINCOLN COUNTY
[POLICE]
153.845 Dispatch

LITTLETON
[POLICE]
460.100 F-1 Dispatch
460.300 F-3 Clearances
460.425 CLEER
[FIRE]
154.340 F-1 Dispatch [South Metro]
[LOCAL GOVERNMENT]
158.820 S City services.

LONGMONT
[POLICE]
156.210 F-1 Dispatch
154.815 F-2 Car To Car/Tac
159.015 S F-3 Tac
155.475 S NLENC
460.425 CLEER
[FIRE]
154.175 Dispatch
154.280 S FERN
[AMBULANCE]
155.280 S AMR Dispatch
[LOCAL GOVERNMENT]
151.220
158.895 City utilities
158.865 S
158.190 S Power
[SCHOOLS]
46.000 S St. Vrain Dist 1J

LOOKOUT MOUNTAIN FPD
[FIRE]
45.080 s F-1 Dispatch [Jeffco]
45.200 s F-2 Fireground [Jeffco]
46.140 s TAC-3 Fireground

LOUISVILLE
[POLICE]
155.145 GREEN Dispatch [Boulder County]
155.655 YELLOW Tactical [Boulder County]
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.415 S RED-3 Fireground
[LOCAL GOVERNMENT]
154.055 S City Services

LOVELAND
[POLICE]
156.750 F-1 Dispatch
154.860 S F-3 Clearances
155.475 S NLENC
[FIRE]

154.010 S Dispatch
154.445 S Alternate
154.280 S FERN
155.325 S Ambulance
[LOCAL GOVERNMENT]
153.470 Water
153.695
158.745 Public works
158.205
[SCHOOLS]
45.920 S Thompson Dist 2J Buses
45.960 S Thompson Dist 2J Buses

MEAD
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.355 S F-2 Fireground [Mountain View]

MED CHANNEL ASSIGNMENTS

[NOTE: THIS IS A STANDARD NATIONWIDE SYSTEM]
MED-1 463.000/468.000 HOSPITAL/AMBULANCE
MED-2 463.025/468.025 HOSPITAL/AMBULANCE
MED-3 463.050/468.050 HOSPITAL/AMBULANCE
MED-4 463.075/468.075 HOSPITAL/AMBULANCE
MED-5 463.100/468.100 HOSPITAL/AMBULANCE
MED-6 463.125/468.125 HOSPITAL/AMBULANCE
MED-7 463.150/468.150 HOSPITAL/AMBULANCE
MED-8 463.175/468.175 HOSPITAL/AMBULANCE
MED-9 462.950/467.950 DISPATCH CENTERS
MED-10 462.975/467.975 DISPATCH CENTERS

METRO INTERSYSTEMS

154.280 S FERN [Fire Emergency Radio Network Channel 1]
154.265 S FERN-2 [Fire Emergency Radio Network Channel 2]
154.295 S FERN-3 [Fire Emergency Radio Network Channel 3]
155.340 S HEAR [Hospital Emergency Ambulance Radio]
155.475 S NLENC [National Law Enforcement Emergency Network
Channel]
460.425 S CLEER [Colorado Law Enforcement Emergency Radio]
866.0125 CLEER-2 [Statewide Public Safety Calling Channel]
866.5125 NPS1 [Statewide Agency to Agency tactical channel 1]
867.0125 NPS2 [Statewide Agency to Agency tactical channel 2]
867.5125 NPS3 [Statewide Agency to Agency tactical channel 3]
868.0125 NPS4 [Statewide Agency to Agency tactical channel 4]

MILE HIGH STADIUM
[OPERATIONS-ALSO DENVER PUBLIC WORKS 800 MHz SYSTEM]
462.8625 S
467.8625 S

MORGAN COUNTY
[POLICE]
155.010 F-1 Dispatch
151.010 Clearances
156.075 Tac
[FIRE]
158.820 Dispatch
[LOCAL GOVERNMENT]
151.325 Multiple Use
153.845 Multiple Use
156.075 Multiple Use

MORRISON
[POLICE/FIRE]
155.250 F-1 Dispatch [Jefferson County]
155.370 F-2 Tatcical [Jefferson County]
155.430 F-3 Clearances [Jefferson County]
[LOCAL GOVERNMENT]
155.040 S

MOUNTAIN VIEW FPD
[FIRE]
154.325 S RED-1 [Dispatched By Boulder]
154.355 S F-2 TAC/Fireground and Admin Use
153.785 S F-3 Weld County Fire "A" mutual aid use

NATIONAL SKI PATROL
[RESCUE]
155.160 S NATIONWIDE
155.205 S NATIONWIDE
155.220 S NATIONWIDE
155.235 S NATIONWIDE
155.295 S NATIONWIDE

NATIONWIDE INTERSYSTEMS
154.280 S Fire
155.475 S Police

NEWS MEDIA/BROADCASTERS

153.110 KBCO [Remote Use.]
161.640 KHOW [Remote Use.]
161.670 KNUS [Pre-Delay/STL Backup use]
161.700 KWGN [Engineering]
161.730 KOA [Remote Use.]
161.760 KOA [Remote Use.]
166.250 KYGO/KWMX [Traffic report primary]
450.010 KHOW [Telemetry]
450.020 KHOW [Telemetry]
450.0375 KBCO [Engineering]
450.0500 KHOW [Traffic Reports]
450.1125 KCNC F-1 [Technical. Occasional.]
450.1375 KCNC F-3 [Technical.]

450.1500 KCNC [Ft. Collins Bureau]
450.1500 KTRR/KGLL [Ft. Collins Remote Broadcast Downlink]
450.1625 KCNC F-5 [Reporters.]
450.1875 KOA-EBS [EBS NET]
450.2125 KUSA [Occasional]
450.2375 KYGO F-A [Reporters.]
450.2625 KBCO [Engineering]
450.2875 KOA F-1 [Reporters.]
450.3375 KWGN [Reporters Boulder]
450.3625 KWMX F-C [Traffic Report Backup]
450.3875 KYBG/KQKS [Occasional]
450.4125 KUSA F-2 [Boulder County Bureau.]
450.4375 KMGH [IFB]
450.4625 KCNC F-7 [Occasional Use]
450.4875 KYGO F-B [Alternate.]
450.5125 KMGH F-1 [Reporters.]
450.5375 KWGN [Reporters]
450.5625 KZDG [Traffic Reports SIMPLEX]
450.5875 KMGH F-2 [Technical.]
450.6125 KUSA F-1 [Denver Bureau.]
450.6500 KBPI [Remote Downlink]
450.6750 NBC [Mile High Stadium IFB]
450.6875 METRO [Traffic reporter coordination]
450.7000 KKMG [Remote Broadcast Uplink]
450.7125 KMJI/KALC [Remote Use]
450.7500 KMJI/KALC [IFB]
450.8000 KIIX/KYGO [Colorado State Sports Network Downlink]
450.8125 CBFCC [Colorado broadcast Freq Coordination Committee]
450.8250 NBC [Mile High Stadium Engineering]
450.8500 KUAD [Occasional]
450.9000 KUAD [Remote Uplink]
455.1500 KTRR [Remote Uplink]
455.6625 KBPI [Remote Uplink]
455.7500 KMJI/KALC [Remote Uplink]
455.8000 KYGO/KWMX [Remote Uplink]
455.9000 KYGO/KWMX [Remote Uplink]
455.9500 KQKS [Remote Uplink]
944.1250 KDKO [WFM. STL]
944.5000 KUVO [WFM. STL]
944.5000 KYGO-FM [WFM. STL North]
944.8750 KHOW [WFM. Relay to Transmitter]
945.1125 KHOW [WFM. Relay to Transmitter]
945.5000 KCFR [WFM. STL]
946.0000 KYGO-AM [WFM. Relay to Transmitter]
946.5000 KMJI [WFM. STL]
946.6375 KZDG [WFM. STL]
946.8750 KXKL [WFM. STL]
947.0000 KXKL [WFM. STL]
947.5000 KALC [WFM. STL]
948.0000 KYGO-AM [WFM. Studio to Relay]

948.5000 KOA [WFM. Lookout Mtn to Parker]
949.3875 KTLK [WFM. STL]
949.5000 KHIH [WFM. STL]
950.0000 KYGO-FM [WFM. STL]
950.3750 KNUS [WFM. STL]
950.5000 KOA [WFM. Studio to Lookout Mtn]
950.8750 KUNC [WFM. STL]
951.0000 KRFX [WFM. STL]
951.1250 KUNC [WFM. STL]

NORTH ELBERT COUNTY V.F.D.
[FIRE]
153.995 S Dispatch

NORTH METRO FIRE PROTECTION AUTHORITY
[FIRE-See Adams County Communications]

NORTHGLENN
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications North Metro Fire]
[LOCAL GOVERNMENT]
453.275 Public Works

PARK COUNTY
[POLICE/FIRE]
154.085 F-1 Dispatch
155.160 Search & Rescue
151.025 Occasional

PARKER
[POLICE]
158.745 F-1 Dispatch
154.145 S F-2 Tac
[FIRE]
154.340 Dispatch [South Metro]
154.145 S Fireground
154.445 S Fireground
[LOCAL GOVERNMENT]
856.2625
857.2625
858.2625

PLATTE CANYON FPD
[FIRE]
154.4300 Dispatch

PLATTEVILLE
[POLICE-See Weld County]
[FIRE]
153.785 S Dispatch Fire A [Weld County]
154.280 S FERN
[LOCAL GOVERNMENT]

453.3375 Telemetry

POUDRE VALLEY HOSPITAL
[EMS]
155.340 S

PUBLIC SERVICE COMPANY OF COLORADO
[UTILITY]
153.680 S Evergreen Division.
153.440 S Boulder/Greeley/Estes Park
[DENVER METRO TRUNKED 800 MOTOROLA SYSTEM]
856.2875
857.2875
858.2875
859.2875
860.2875
856.3625
857.3625
858.3625
859.3625
860.3625
856.4125
857.4125
858.4125
859.4125
860.4125

RATTLESNAKE FPD
[FIRE]
153.995 Dispatch

REGIONAL TRANSPORTATION DISTRICT. R.T.D.
[TRANPORTATION]
452.300 CAD/MDT
452.675 Boulder County Supervisors,Mechanics,Buses and Regional
Buses
452.700 Mechanics/Tow Trucks
452.725 Buses
452.775 CAD/MDT
452.800 Buses
452.825 Buses
452.850 Light Rail Operations
452.875 Buses/Maint
453.225 Supervisiors

SHERIDAN
[POLICE]
155.535 Primary Dispatch
155.670 Secondary Dispatch [Arapahoe County]
460.425 CLEER
[FIRE]
158.760 Dispatch

SILVERTHORNE
[POLICE]
155.535 S
SOUTH METRO FIRE PROTECTION DISTRICT
[FIRE]
154.340 F-1 Dispatch
154.235 S F-2 Fireground 2
154.010 S F-3 Fireground 3
154.385 S F-4 Fireground 4
153.950 S F-5 Fireground 5
154.280 S F-6 FERN
154.295 S F-7 FERN-2
154.265 S F-8 FERN-3
154.310 F-9 Fireground 9 Tactical
154.145 S Parker Fire Fireground
154.445 S Parker Fire Fireground

SUMMIT COUNTY
[POLICE]
155.625 F-1 Dispatch
154.785 F-2
[AMBULANCE]
155.340 S Countywide Dispatch
[FIRE]
154.400 County Firenet

TELLER COUNTY
[POLICE]
155.580 Dispatch

THORNTON
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications North Metro Fire]
[LOCAL GOVERNMENT]
155.775 S City services
[SCHOOLS]
461.875 Thornton H.S.

UNITED POWER INC
[UTILITY]
37.860 Brighton/North West Adams/Weld County Dispatch

VAIL
[POLICE]
453.100 F-1 Dispatch
453.800 F-2 Clearances/Tactical
[FIRE]
453.400 Dispatch
460.6375 Fireground
[AMBULANCE/RESCUE]
155.160 F-1 Mountain Rescue
155.235 F-2 Mountain Rescue
462.450 Mountain Rescue

463.1875 Mountain Rescue
[LOCAL]
453.375 S
453.475
[TRANPORTATION]
453.675 Buses

WASHINGTON COUNTY
[POLICE]
155.070 F-1 Dispatch

WEATHER INFORMATION & REPORTING
162.400 NOAA Weather Radio Pueblo,Greeley/Ft Morgan
162.450 NOAA Weather Radio Ft. Collins
162.475 NOAA Weather Radio Colo Springs, Cheyenne
162.550 NOAA Weather Radio Denver/Mead, Grand Junction, North Platte
145.010 HAM 1200 Baud Packet Data with NWS bulletin information
145.115 HAM Severe Weather Net N. Colorado Weld/Larimer/Morgan Counties
146.940 HAM Severe Weather Net Denver Metro To FT Morgan.
A.M. infonet
146.970 HAM Severe Weather Net Colo Springs/Pueblo E. to Limon
147.150 Backup Frequency for 146.940
410.575 NOAA Weather Radio Cheyenne

WELD COUNTY
[POLICE]
460.400 F-1 Clearances South
460.200 F-2 Municipalities/Townships Dispatch
460.250 F-3 S.O. Dispatch Primary
460.025 F-4 Clearances North
453.650 F-5 Tactical
460.425 F-6 CLEER
453.950 F-7 Tactical
[FIRE]
153.785 S "Fire-A" Southern County Dispatch
154.145 S "Fire-B" Northern County Dispatch
[AMBULANCE]
155.400 S Countywide Dispatch [Weld County]
[SCHOOLS]
155.175 S School District RE-1
157.470 S School District RE-9/RE-12
453.850 Buses
[LOCAL GOVERNMENT]
453.650 Highway A Road Maintenance
453.950 Highway B Road Maintenance

WELLINGTON
[FIRE]
158.880 Dispatch

WEST DOUGLAS COUNTY FPD
[FIRE]
151.115 Dispatch
151.025 Fireground

WESTMINSTER
[POLICE/FIRE/AMBULANCE/LOCAL GOVERNMENT TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

WESTERN HILLS FIRE
[FIRE-SEE WELD COUNTY]
154.190 s Fireground

WHEATRIDGE
[POLICE]
155.070 F-1 Dispatch
154.845 S F-2 Clearances
154.800 S F-3 Tac
155.475 S NLENC
460.425 CLEER
[FIRE]
151.310 Dispatch
[LOCAL GOVERNMENT]
852.2375 City Services

WINTER PARK
[LOCAL]
159.180 S Road Maintenance

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No battle plan ever survives contact with the enemy.

3445. Re: 800 MHZ SEEMS IMPOSSIBLE

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:52:05 UTC
From: Brian Chase <chase@vision1.engr.utk.edu>
Message-ID: <3ka4t5$263@martha.utk.edu>
Source record: 260070

In article <3k0ig9$27k@metroux.metrobbs.com>,
>
> If cellular companies decide to go to digital, or scramble all of their
> signals, then wouldnt the people that already own cellular phones have to
> purchase descramblers or modify their existing cell phones? That would
> get kind of expensive, and the average everyday cellular user wouldnt
> want to pay big bucks just so some punk kid w/ a cheap scanner can
> monitor them, (unless of course the cellular user really needed the
> privacy if he/she was doing something illegal)
>
>

Eventually, everything will go digital spread spectrum since this is
a natural for multi user access. Thousands of conversations can occur
simultaneously over the same frequencies and they all look like noise
with a spectrum analyzer. In fact, the radiated energy from a single
cell phone will be less than the ambient atmospheric noise per any
certain frequency. Therefore, unless you are the phone company or the
feds, you will have to hack up a cell phone to hear anything. It's
coming. You can already go to Radio Shack and buy yourself a 900 Mhz
digital spread spectrum cordless phone that works up to one mile away.
I don't think there's much problem for the phone companies to offer a
tradein incentive program to get people upgraded. After all, the real
money is made when someone uses a cell phone.

3446. date codes

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:55:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <98e_9503181130@chigate.fidonet.org>
Source record: 259987

-=> Quoting Rogue@indirect.com to All <=-

Ro> From: rogue@indirect.com (rogue)
Ro> Date: Sat, 11 Mar 1995 20:08:45 GMT
Ro> X-Newsreader: TIN [version 1.2 PL2]
Ro> Lines: 6

Ro> could anyone post the modifiable date codes for radio shack pro-xxx
Ro> scanners? thanks in advance.

All of the dates are modifiable, depending on what you want to do with them. However, if you are wanting to modify a Pro series scanner for continuous 800 Mhz coverage, then anything with a datecode of 3A4 or less is the general rule. There are a couple of exceptions (such as the Pro-51, Pro-46 and Pro-23 software mods).

Jerry

___ Blue Wave/QWK v2.12

3447. keys

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:56:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <98f_9503181130@chigate.fidonet.org>
Source record: 259988

-=> Quoting Ad065@freenet.carleton.ca to All <=-

Ad> From: ad065@FreeNet.Carleton.CA (Jim Boyle)
Ad> Date: Sun, 12 Mar 1995 06:15:05 GMT
Ad> Lines: 4

Ad> my scanner tipped over tonight and the fall took out part of a
Ad> button,anyone know where i could get a new one?...thanks..

What is the make and model of the unit?

Jerry

___ Blue Wave/QWK v2.12

3448. BC200XLT Squelch HELP!!!!!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:56:26 UTC
From: gpabon@aol.com
Message-ID: <3ka55a$9fv@newsbf02.news.aol.com>
Source record: 260066

HELP!!! I own a BC200XLT and it works great except for one thing. The squelch on the unit appears to be either full on or off. In other words I'll have an active frequency tuned in, it comes in clear, then if I attempt to just eliminate the static at the bare minimum, no more signal. If I scan any banks, it doesn't pick up anything, but if I stop on a frequency like the NOAA weather, it comes in loud and clear. I have other scanners so I know it's not me. I also tried my outdoor antenna with no luck. I did buy the radio used and it has the cell mod done (although I can care less about it). Can this mod cause this problem with the squelch? Is there an adjustment that I could perform to make the squelch work properly? If so how? Thanks for any help!!!!!!

George

e-mail = gpabon@aol.com

3449. Re: secure clear

Newsgroup: rec.radio.scanner
Date: 1995-03-16 19:58:15 UTC
From: Brian Chase <chase@vision1.engr.utk.edu>
Message-ID: <3ka58n$2hd@martha.utk.edu>
Source record: 260071

> They use inversion scrambling, I bought one and tested it for the
> very reasons you are asking. You will probably have to buy a 900
> MHz phone to have a digital link. Be careful, they all tell you
> they are more secure than regular cordless phones, but most of
> them tell you it is because they use 900 MHz. Come on guys,
> every scanner made in the last few years has 900MHz, now how
> secure is that!
>
> Tom

Very secure. They use digital spread spectrum scrambling. Sounds
like atmospheric noise, only quieter. Totally undetectable, invented
in the 1950's for the military.

Brian Chase
chase@vision1.engr.utk.edu
Machine Vision Lab
University of Tennessee

3450. Looking for a way to rest

Newsgroup: rec.radio.scanner
Date: 1995-03-16 20:00:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <990_9503181130@chigate.fidonet.org>
Source record: 259989

-=> Quoting 92003623@white.lambton.on to All <=-

92> From: 92003623@white.lambton.on.ca (J Baillie)
92> Date: 9 Mar 1995 01:06:51 -0500
92> Lines: 5
92> Nntp-Posting-Host: white.lambton.on.ca
92> X-Newsreader: TIN [version 1.2 PL2]

92> Hi there I have a PRO-2027 scanner and I need a way to restore my 800
92> mhz band. It it currently locked out. If some one has an article
92> about this can they please post it on here or mail me a copy of this
92> article. I would really appreciate it.
92> Jamie

Here is one that I got from an unknown source. This is done AT YOUR OWN
RISK.

RESTORATION OF CELLULAR FREQUENCIES FOR RADIO SHACK PRO-2027

For those that are interested, the following modification will
enable uninterrupted
reception of the 806MHz - 960Mhz spectrum. This modification may
be useful to those
who use a scanner in conjunction with down converters for
satellite monitoring.

Be advised that this modification enables portions of the 800 Mhz band that
is illegal to monitor under United States Federal law.

With the advertisements out of the way here's how its done.

1. Unplug unit. (Obvious but I must say it.)

2. Remove bottom panel (4 screws)

3. Locate diode D35 located behind the enter key. This is a
surface mounted component
that resembles a tiny black square.

4. Unsolder D35. I prefer to unsolder one leg so that the
original functionality can be
restored for resale. This can be done by gently prying up the
component with a pin or
tweezers while touching one leg with a soldering iron. Don't
apply too much heat a 15 - 20 watt soldering iron is more than
adequate.

5. Button it up and turn it on. No reset is needed.

Jerry

___ Blue Wave/QWK v2.12

3451. Re: are all pro 2006s modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-03-16 20:38:31 UTC
From: tjmiles@ix.netcom.com
Message-ID: <3ka7k7$fb4@ixnews2.ix.netcom.com>
Source record: 260067

In <raymo-1603950748170001@192.0.2.1> raymo@netcom.com (ray halliday)
writes:

>
>that's my question.
>
>or are there newer models that are neutered for good?
>
>thanks,
>
>ray
>

Ray,
If you're asking whether they can all be modified to receive the full
800 MHz range, the answer is yes -- all can be.

--
tjmiles@ix.netcom.com

3452. Re: BC200XLT Mod question

Newsgroup: rec.radio.scanner
Date: 1995-03-16 21:28:35 UTC
From: Joe Balenzano <jpb@dart.thomsoft.com>
Message-ID: <D5JyBo.7B3@thomsoft.com>
Source record: 259986

dpfg@ukc.ac.uk (Duncan) wrote:
>
> In article <3jddp7$5lk@vixen.cso.uiuc.edu>,
> Frank P. Orlowicz <fporlowi@prairienet.org> wrote:
> >I don't know about the mod but I use a Radio Shack center loaded
> >telescoping scanner whip antenna 20-006 was $9.99 in the old catalogue.
> >It doesen't help on the high frequencies but it realy helps out on the low
> >end.
>
>
> I have found that in the 380MHz band and above that the rubber duck is
> not much worse than the telescopic. THe telescopic picks up quite a few
> bits and pieces in the 137-174 band that the duck just misses, mainly
> PMR stuff.
> I haven't had much luck in the Lo band (68-88). I am not sure whether the
> telescopic should be fully extended or whether the bit above the loading
> coil should be collapsed....
>
>
>
At 68 - 88Mhz, the antenna should be fully extended.

3453. PRO 62

Newsgroup: rec.radio.scanner
Date: 1995-03-16 21:40:17 UTC
From: ao936@yfn.ysu.edu
Message-ID: <3kab81$14c@news.ysu.edu>
Source record: 260068

I recently purchased a RC PRO 62 portable scanner. This unit will not go low enough to pick up CB freqs. The 62 starts at 30 MHz. Does anyone know if this scanner can be modified to pick the lower signals?

TIA.

Please respond email.

Regards,

Tim White

3454. Re: Tropez phones

Newsgroup: rec.radio.scanner
Date: 1995-03-16 22:11:52 UTC
From: mturner@tivoli.com
Message-ID: <3kad38$t68@tivoli.tivoli.com>
Source record: 260017

I check my Tropez last night and I could find a carrier at 450.200.
I could not detect dial tone or voice. However, if I pressed the keys on the phone
and had the volume on the scanner up as high as it would go I could hear very
very faint "signals" each time a key was pressed. If the phone was moved a
few feet away from the scanner I lost carrier.

So, this single Tropez phone appears to be "secure" to the normal scanner.

Mike

3455. fs ar1500 bo

Newsgroup: rec.radio.scanner
Date: 1995-03-16 23:50:15 UTC
From: ah806@detroit.freenet.org
Message-ID: <3kairn$815@detroit.freenet.org>
Source record: 259990

For Sale - AOR1500 with case, charger, antenna, manual, box.

Good Condition, always in case. Case has had some stitches come
loose and was re-sown. Case also has small rectangle cut in face
to make it easier viewing freq.

The radio has never been dropped or misused in any way.

It is a very nice scanner.

I will take offers by e-mail.

Thanks,
Mark
--
Mark Smalley
ah806@detroit.freenet.org

3456. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-17 00:26:16 UTC
From: wwhitby@aol.com
Message-ID: <3kakv8$d5m@newsbf02.news.aol.com>
Source record: 259975

>Us countermeasure techs know this. A lot of the guns have a feature
>called Doppler Audio, basically it converts the reflected signal into a
>tone. The higher pitched the tone, the faster you are going.

I have ridden on patrol with a state trooper friend of mine and got to work the radar. You could hear the doppler shift change in pitch when the radar was operating.

BTW, my friend had to check his radar unit for accuracy after every stop using a tuning fork. He had to record that on a log sheet. He told me that it was law. It could be a defense if the radar units haven't been checked.

Warren Whitby
wwhitby@aol.com - Home wwhitby@lan.mcl.bdm.com - Work
Ham radio: KE4ITL

"For whosoever shall call upon the name of the Lord shall be saved."
Romans 10:13

3457. Re: WTB: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-03-17 00:27:08 UTC
From: Tom Howley <76714.2005@CompuServe.COM>
Message-ID: <3kal0s$f4a$1@mhadf.production.compuserve.com>
Source record: 260073

I bought mine from the Ham Station in Evansville, IN USA $589.
Interface $89. ScanStar Computer control software, $129. No
Import duty, or tax outside of IN. It may be a good deal to
purchase the USA model, interface and software. You can make
your US mode more 'european like'!

Tom

3458. ANNOUNCE: WWW Freq Database

Newsgroup: rec.radio.scanner
Date: 1995-03-17 00:27:34 UTC
From: martyf@interport.net
Message-ID: <3kal1m$apr@interport.net>
Source record: 260072
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hey guys & gals.

I own a company that does Internet publishing services, and I have been a bit of a scanner fan for a while. Since I have the server, I figured why not put together a single source, kind of like Yahoo, for frequency information. I'm not interested in modification files or anything like that. Just basic listings of the frequencies in your town, provence, country, whatever. No flashy graphics or search engines.
The web site is operational, however, it dosen't have a bunch of frequencies in it yet. I live in New York City, so I'll put what I've got up and it's up to you all to make it work.
If you want to contribute to the database, send by email ONLY to:

freqs@okc.com

All submissions must have the following information in the first lines:

If an item not applicable, Leave Blank!

Country: State/Province: County:
Type of Service (e.g. Fire, Air, Phone, Road Crew):

And then put your file here. I'll do as much duplicate checking as I can, and please make sure you don't clutter up the mailbox with requests for a particular frequency. If I've got it, it will be in there.

MF

3459. Re: 900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-17 00:41:19 UTC
From: Joe Balenzano <jpb@dart.thomsoft.com>
Message-ID: <D5K78v.8F5@thomsoft.com>
Source record: 259992

scotto@ipars.sds.com (Scott O'Connell) wrote:
>
> I have a Uniden 900 MHz spread-spectrum cordless telephone. I can't
> monitor it on any of my recievers and was wondering if anyone knows
> if it can be monitored. If so, with what equipment?
>
> Thanks
>
> --
>
> Scott O'Connell
> Spectrum Data Services
> scotto@sds.com

There are 900Mhx cordless phones that do not use spread-spectrum
technology. These phones can be monitored. I don't think you
can monitor a spread-spectrum phone with exsisting scanner
technology.

3460. Shadow Traffic NYC Area

Newsgroup: rec.radio.scanner
Date: 1995-03-17 00:51:16 UTC
From: mjanacek@aol.com
Message-ID: <3kame4$dl4@newsbf02.news.aol.com>
Source record: 259977

I'm looking for freqs that Shadow Traffic uses in the NYC tri-state area.
Can anyone help?

Many Thanks ahead of time!!

Mark
(mjanacek@aol.com)

3461. Shuttle frequencies in Memphis,TN?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 01:06:49 UTC
From: bhs6315@erc.jscc.cc.tn.us
Message-ID: <1995Mar16.200650.40323@msuvx2.memphis.edu>
Source record: 259981

Does anyone have any information that will help me to receive Shuttle broadcasts in the Memphis TN area? I am actually in Jackson (70 mi NE) if that makes any difference. Also how do I get info on schedules of flights, etc. Thanks!

3462. Rabbit Range Increasing?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 01:08:32 UTC
From: woody@portal.apana.org.au
Message-ID: <woody.17kx@portal.apana.org.au>
Source record: 259976

Hello People..

I am interested in buying one of those TV Rabbits that you use to re-TX anything from your VCR to another TV as i have several movies and so on that my brother/family would like to watch while i am watching on my system.

Now I live in a detatched room seperate to the house and running cables isnt practical.

a/ What is the range of those Rabbits that TX around ~900Mhz?
b/ Is there anyway to BOOST the signal strength???

I know they dont like you to do b/ but I live out on a farm in rural Australia and basically i dont think it would matter even if the signal was boosted by a reasonable ammount as it wouldnt affect anyone...

Can someone help moi please...

Quote: An intellectual is someone whose mind watches itself.

Catch ya,
Woody
--
Terry J. Wood located at Winnindoo, Gippsland, Victoria, Australia
Internet: woody@portal.apana.org.au Portal BBS +61(0)51-992869
A4000'40/14/800/270Syquest/CDRom/UUCP1.17b/CnetV3.05c
i486dx2-66/8/730/CDRom/SB16asp

3463. CORRECTION: WWW Freq Data Site

Newsgroup: rec.radio.scanner
Date: 1995-03-17 01:13:29 UTC
From: martyf@interport.net
Message-ID: <3kannp$h3l@interport.net>
Source record: 259983

OY! What a dunce. I didn't mention on my last posting the ADDRESS of THE SITE! It's at http://www.okc.com/freq-out

Not a pretty site, but functional. Anyway, I'll doll it up when and if I ever get a chance. I might even make it a gopher for FTP site at some point.

So, freq-out, and try it.

MF

3464. ar8000 squelch detect problem

Newsgroup: rec.radio.scanner
Date: 1995-03-17 01:27:40 UTC
From: rb@mtsol.mt.att.com
Message-ID: <D5K9E5.E3B@nntpa.cb.att.com>
Source record: 259979

Lots of times, my AR8000 stops searching or scanning
on a frequency but the audio breaks up. If I open the
squelch all the way or I use the MONI button, the
break-up clears. This problem has been reported by other
owners. (My Yupiteru 7100 did NOT suffer from this defect.)

In trying to find some cure for this problem, I've tried
using AUDIO and LEVEL modes with various SPECIAL function
parameters as specified in section 17 of the manual.
None of this experimentation seems to help with the squelch
problem. :-(

However, I did come across one discrepancy with the manual.
The SQUELCH DETECT function [FUNC] [2] [switch on] sets the
length of time provided for the squelch to determine if a
signal is present. The manual (page 99) says the default
is 80 mS. However, my scanner had the value set to 31 with
a range of 0 - 49 !

Is this a "bug" in the documentation or in my scanner?

Does anyone have a solution to the "bad squelch" problem?
It really annoys me!

Rich Bantel
rb@mtgbcs.att.com

3465. BC 8500 XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-17 01:46:36 UTC
From: watergate1@aol.com
Message-ID: <3kapls$eoa@newsbf02.news.aol.com>
Source record: 259978

I'm selling my Uniden/Bearcat BC 8500 XLT scanner. Used professionally
for a little over 1 year. Comes with tone board installed. $325
(includes 2nd day air shipping)
E-mail for further details.

watergate1@aol.com

3466. What's the freq, Kenneth?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 02:23:35 UTC
From: derekbell1@aol.com
Message-ID: <3karr7$fhl@newsbf02.news.aol.com>
Source record: 259982

I saw posted here, perhaps 10 mos. ago, an article in which someone claimed that he knew the real target for whom which Dan Rather was 'mugged'. Does anyone remember such a posting or have it archived?

Sure appreciate the help.

Derek Bell

3467. Re: BC200XLT Mod question

Newsgroup: rec.radio.scanner
Date: 1995-03-17 02:28:00 UTC
From: <>
Message-ID: <8A59508.01F4000035.uuout@firstdue.uu.holonet.net>
Source record: 259980

```
Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!gatech!purdue!news.bu.edu!
gw1.att.com!gw2.att.com!pacbell.com!amdahl.com!amd!netcomsv!uucp3.netcom.com!telesoft!east
.alsys.com!news
From: Joe Balenzano <jpb@dart.thomsoft.com>
Subject: Re: BC200XLT Mod question
Message-ID: <D5JyBo.7B3@thomsoft.com>
Sender: news@thomsoft.com
Organization: Thomson Software Products, Burlington, MA, USA
References: <95063.100217RHASKE41@MAINE.MAINE.EDU> <3jddp7$5lk@vixen.cso.uiuc.edu>
<6840@rook.ukc.ac.uk>
Date: Thu, 16 Mar 1995 21:28:35 GMT
Lines: 21
```

dpfg@ukc.ac.uk (Duncan) wrote:
>
> In article <3jddp7$5lk@vixen.cso.uiuc.edu>,
> Frank P. Orlowicz <fporlowi@prairienet.org> wrote:
> >I don't know about the mod but I use a Radio Shack center loaded
> >telescoping scanner whip antenna 20-006 was $9.99 in the old catalogue.
> >It doesen't help on the high frequencies but it realy helps out on the low
> >end.
>
>
> I have found that in the 380MHz band and above that the rubber duck is
> not much worse than the telescopic. THe telescopic picks up quite a few
> bits and pieces in the 137-174 band that the duck just misses, mainly
> PMR stuff.
> I haven't had much luck in the Lo band (68-88). I am not sure whether the
> telescopic should be fully extended or whether the bit above the loading
> coil should be collapsed....
>
>
>
At 68 - 88Mhz, the antenna should be fully extended.

Cam-Mail v1.40:

3468. S.C. coast freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-17 02:54:03 UTC
From: kaweiss@silver.ucs.indiana.edu
Message-ID: <3katkb$nq@usenet.ucs.indiana.edu>
Source record: 259985

My family and I will be camping at Edisto Beach St. Park for a few
days this summer. I will be bringing along a 12v., 10 channel scanner, to
monitor bad weather. Does anyone have pertinent frequencies (i.e. Co. Sheriff,
Coast Guard, 2m ham repeater, NWS) that would be helpful if bad weather
approaches?
Thanks.
Pete.

3469. Re: Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-17 02:58:16 UTC
From: domonkos@access.digex.net
Message-ID: <-WFQliubGoI0066yn@access.digex.net>
Source record: 259984

In article <3k9uol$6jn@clarknet.clark.net>, JMConsulting wrote:
>
> I don't want to get into any flame wars or anything, but this is the sort
> of this I /want/ to see in r.r.s. I get sick and tired of post after post
> asking for freqs and mods. For chrissake, go to oak.oakland.edu or get
> Bill Cheek's books. Buy Police Call. Whatever. I think this is what the
> group needs.
>
> Just my two cents. No flames, please.
>

Great, this is my favorite topic and I exclusively monitor UHF and LO VHF
air-mil using remote taping techniques. Hot freqs would be nice, and
don't have to be limited to one's own state. WIth the spring/summer season
upon us, tropo ducting will be common and everyone will be able to monitor
LO, HI, and UHF air-mil freqs upwards of 500+ miles, and when aircraft are
at altitude, even further.

I'll post the more common freqs here in Maryland, and surprise, the hottest
training freqs are LO-VHF (30-40 Mhz)! Any scanner will pick them up,
and they are hot! Live weapons and all. Stay tuned....

Andy N3LCW

3470. Radio Shack 2036/Uniden 890XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-17 04:05:51 UTC
From: Lasergod@ix.netcom.com
Message-ID: <3kb1qv$sk3@ixnews4.ix.netcom.com>
Source record: 259991

Hi,

I have an R.S. PRO-2036 (same as the Uniden 890XLT) I'm looking 4 a mod
that will allow me to interface it with my IBM 486 (clone).....

Thanx and 73's!

3471. Re: Outlawed Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-17 04:12:28 UTC
From: avelordi@aol.com
Message-ID: <3kb27c$hl8@newsbf02.news.aol.com>
Source record: 259993

Yes, and bad radar detector laws are another example of states violating federal laws.

3472. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-17 05:40:44 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3kb7cs$1mc@ixnews4.ix.netcom.com>
Source record: 259994

In <Pine.HPP.3.91.950316065513.11830D-100000@watson.ECE.ORST.EDU> brian varine <varine@ece.orst.edu> writes:

>
>
>
>On 16 Mar 1995 chrisQ@ix.netcom.com wrote:
>
>>
>> >I hate to tell you, but, they work on Doppler shift. They use a CW beam
>> >and you reflected signal is comapred against the original signal.
>> Moving
>> >radar has two beams, one is a High beam thats offset to track you the
>> >victim, and the low beam thats pointed straight ahead and measures
>> >vehicle speed. A nice FM Sawtooth signal centered on the radar freq
>> jams
>> >em quite well. Makes your speed go from -200 MPH to +200 MPH in about 2
>> sec.
>> >Us countermeasure techs know this. A lot of the guns have a feature
>> >called Doppler Audio, basically it converts the reflected signal into a
>> >tone. The higher pitched the tone, the faster you are going.
>>
>> Is that not what my second paragraph said...duh!!! maybe you
>> countermeasures techs should consider an english class!!
>
>Well, I believe you said that the radar sends out a pulse and when it
>recieves a return it computes all the BS. It uses no pulse at all. It is
>a continuous wave and the reciever recieves back a signal that is off the
>center freq. The difference is your speed.

I also believe that I was speaking of triggered radar guns which are the standard now days. Which can be activated at the officers discretion and not left on for anyone with a 50 dollar radar detector to know what their up to.

3473. Portland, OR. Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:12:04 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5KMK5.72p@agora.rdrop.com>
Source record: 260000

I lost the address of the person who wanted Portland, and south of
Portland freqs, so I'm posting it here so they can get them.

Here's a couple of things you can tune to when visiting Lake Oswego and
the Portland Area:

Lake Oswego

Local Gov. 453.9375
Public Works Operations 45.520
City of Lake Oswego 453.9375

Fire 153.830
Fire 154.010
Fire 154.205
Fire 154.250
Fire 154.400

From a different book:

Fire
F-1 Tap out & Fire Dispatch 154.190
F-2 Fire Operations South County 153.890
F-3 Fire Operations North County 154.220
F-4 Mutual Aid Net (State Net) 154.280
F-5 Fire Operations East County 154.325

Police F-1 Patrol & Dispatch 460.450
Police F-2 Car to Car 460.225
Metro Net 159.030

Clackamas County

County Sherif 155.610
County Sherif 158.850
County Sherif 158.970
County Sherif F-1 Dispatch & Patrol 155.430
County Sherif F-2 Dispatch & Patrol 155.190
County to County Sheriff's Net 460.500

Portland

Kex (AM) News/Traffic 450.550
Traffic Control, Inc 450.4875
(If you drive in rush hour, use that one on your priority channel!)

NOAA 162.550
(Weather from the airport, 24 hours a day)

F-1 Dispatch/Patrol (Central Precinct) (NW/SW) 460.325
F-2 Dispatch/Patrol (East Precinct) (NE/SE) 460.200
F-3 Dispatch/Patrol (North Precinct) 460.100
F-4 Multnomah Country Channel 460.125
F-5 City/County Car to Car 460.425
F-6 Special Events/Car to Car/Detectives 460.250
F-7 County Channel 460.350
F-8 Wattant Information/License checks 460.050
F-9 Tactical 460.275
Tactical/Surveillance 460.500
Tactical/Surveillance 460.6375
Portland Airport Police 460.225
Justice Center 460.550
River Patrol 158.730
Sherif Department 460.475

Portland & Multnomah County Fire

Tap-Out Channel (all alarms) 154.430
F-1 Administration 154.010
F-2 Fireground 154.250
F-3 Fireground 154.145
F-4 Fireground 154.175
F-5 Fireground 154.355
F-6 Mutual Aid (Boring/Sandy) 154.325
F-7 Mutual Aid (Happy Valley/Clackamas County/
Distric 1/Oak Lodge/Milwaukie) 154.220
F-8 Mutual Aid (Statewide) 154.280

Tri-County Emergency Medical

Dispatch (Portland/Multnomah County) 462.950
Dispatch (Washington County/Life Flight) 462.975
Operations (Washington County) 463.025
Operations (Washington County) 463.050
Univ. Of Oregon Hospital 463.075
Operations (Portland/Mult. County 463.125
Life Flight 463.175
HEAR (Ambulance to Hospital) 155.340

Oregon State Police

Portland, Boevernment Camp, Columbia City 154.935
McMinnville, Banks, Beaverton 156.225

Repeater, Portland (transmit) 155.460
Repeater, Washington County (transmit) 159.105

That should give you a start. The Portland police and Mult. County
Sheriffs are in the process of shifting over to a 800 trunking system,
but are still similcasting on the old freqs.

TTFN

-Steven

3474. San Fran/Oakland CA freqs wanted...

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:14:08 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5KMnK.73t@agora.rdrop.com>
Source record: 260001

I'm looking for Police, fire and traffic freqs for SF/Oakland CA.
I'll be down there in a week or two, so if you have something interesting,
please let me know.

Thanks!

TTFN

-Steven

3475. Re: Rabbit Range Increasing?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:22:17 UTC
From: mulligan@ACM.ORG
Message-ID: <3kb9qp$a1n@hopper.acm.org>
Source record: 259997

> I am interested in buying one of those TV Rabbits ...
> ... on a farm in rural Australia

You want to bring rabbits to rural Australia? I would have thought you'd learned your lesson already!

(Sorry .... couldn't resist it <g>)
/* barry /&

3476. ar8000 squelch detect pro

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:27:00 UTC
From: <>
Message-ID: <8A5A057.01F4000037.uuout@firstdue.uu.holonet.net>
Source record: 259996

Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!math.ohio-state.edu!uwm.edu!msunews!uchinews!gw2.att.com!nntpa!not-for-mail
From: rb@mtsol.mt.att.com (120W40000-R.BANTEL(MT4744)1017MT)
Subject: ar8000 squelch detect problem
Message-ID: <D5K9E5.E3B@nntpa.cb.att.com>
Sender: news@nntpa.cb.att.com (Netnews Administration)
Nntp-Posting-Host: mtsol.mt.att.com
Organization: AT&T
Date: Fri, 17 Mar 1995 01:27:40 GMT
Lines: 27

Lots of times, my AR8000 stops searching or scanning
on a frequency but the audio breaks up. If I open the
squelch all the way or I use the MONI button, the
break-up clears. This problem has been reported by other
owners. (My Yupiteru 7100 did NOT suffer from this defect.)

In trying to find some cure for this problem, I've tried
using AUDIO and LEVEL modes with various SPECIAL function
parameters as specified in section 17 of the manual.
None of this experimentation seems to help with the squelch
problem. :-(

However, I did come across one discrepancy with the manual.
The SQUELCH DETECT function [FUNC] [2] [switch on] sets the
length of time provided for the squelch to determine if a
signal is present. The manual (page 99) says the default
is 80 mS. However, my scanner had the value set to 31 with
a range of 0 - 49 !

Is this a "bug" in the documentation or in my scanner?

Does anyone have a solution to the "bad squelch" problem?
It really annoys me!

Rich Bantel
rb@mtgbcs.att.com

• Cam-Mail v1.40:

3477. Re: ANNOUNCE: WWW Freq Database

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:49:23 UTC
From: rwillis@popper.pacbell.com
Message-ID: <rwillis-1603952249230001@rawillis.vip.best.com>
Source record: 259998
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3kal1m$apr@interport.net>, martyf@interport.net (Martin T. Focazio) wrote:

> that. Just basic listings of the frequencies in your town, provence,
> country, whatever. No flashy graphics or search engines.
> The web site is operational, however, it dosen't have a bunch of
> frequencies in it yet. I live in New York City, so I'll put what I've
> got up and it's up to you all to make it work.
> If you want to contribute to the database, send by email ONLY to:

I think that is a great idea! Look forward to seeing it go online. I will definately be sending a copy of everything I have (SF Bay Area)...

Rudy A. Willis
Pacific Bell Information Services
rwillis@popper.pacbell.com

Comments and thoughts posted here are my own,
and do not necessarily reflect those of my employer.

3478. Re: 800/900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:53:03 UTC
From: rwillis@popper.pacbell.com
Message-ID: <rwillis-1603952253030001@rawillis.vip.best.com>
Source record: 260002

In article <3k7nrm$jaj@white.lambton.on.ca>, 92003623@white.lambton.on.ca
(J Baillie) wrote:

> Well as far as I know there are no 800 mhz cordless phones.. That is the
> cellular Telephone frequencies. If you want a copy of that I have it.
> And I can post them in this message base if you want. If you do
> find out what the 900 mhz cordless phones are please mail them to me
> or post them in this news area... I am intrested in finding out what they
> are as well

As requested, here's what I have listed for 900 MHz:

The FCC has granted equipment authorizations to three new 900 MHz
cordless phones:

AT&T #9120: 902-905 & 925-928 MHz
Otron Corp. #CP-1000: 902.1-903.9 & 926.1-927.9 MHz
Samsung #SP-R912: 903 & 927 MHz

****

Panasonic 900MHZ Cordless Freqencies:

CH	BASE	HANDSET	CH	BASE	HANDSET
01	902.100	926.100	31	903.000	927.000
02	902.130	926.130	32	903.030	927.030
03	902.160	926.160	33	903.060	927.060
04	902.190	926.190	34	903.090	927.090
05	902.220	926.220	35	903.120	927.120
06	902.250	926.250	36	903.150	927.150
07	902.280	926.280	37	903.180	927.180
08	902.310	926.310	38	903.210	927.210
09	902.340	926.340	39	903.240	927.240
10	902.370	926.370	40	903.270	927.270
11	902.400	926.400	41	903.300	927.300
12	902.430	926.430	42	903.330	927.330
13	902.460	926.460	43	903.360	927.360
14	902.490	926.490	44	903.390	927.390
15	902.520	926.520	45	903.420	927.420
16	902.550	926.550	46	903.450	927.450
17	902.580	926.580	47	903.480	927.480
18	902.610	926.610	48	903.510	927.510
19	902.640	926.640	49	903.540	927.540

```
20 902.670 926.670 50 903.570 927.570
21 902.700 926.700 51 903.600 927.600
22 902.730 926.730 52 903.630 927.630
23 902.760 926.760 53 903.660 927.660
24 902.790 926.790 54 903.690 927.690
25 902.820 926.820 55 903.720 927.720
26 902.850 926.850 56 903.750 927.750
27 902.880 926.880 57 903.780 927.780
28 902.910 926.910 58 903.810 927.810
29 902.940 926.940 59 903.840 927.840
30 902.970 926.970 -- ------- -------

---

900 MHz Digital Cordless Phone Frequencies

Transmit Frequency
------------------
Handset: 925.5 MHz - 927.4 MHz
Base: 905.6 MHz - 907.5 MHz

Receive Frequency
-----------------
Handset: 905.6 MHz - 907.5 MHz
Base: 925.5 MHz - 927.4 MHz

These frequencies are spaced into 20 channels.
This information was taken from the Vtech 900DX Digital Cordless Phone
operators manual. --- end
---
Rudy A. Willis
Pacific Bell Information Services
rwillis@popper.pacbell.com
---
Comments and thoughts posted here are my own,
and do not necessarily reflect those of my employer.
```

3479. Re: BC 2500XLT question

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:58:25 UTC
From: rwillis@popper.pacbell.com
Message-ID: <rwillis-1603952258250001@rawillis.vip.best.com>
Source record: 260003

In article <3k8i2s$5l2@news.halcyon.com>, newt@halcyon.com (Zeet) wrote:

> I have a BC2500XLT, and I love it. But I have one question - How long
> is the memory held? So far, I have not had the scanner's battery run
> out without another to replace it, but this is a big question for me,
> as I really don't want to type in 350 channels again. :) Does anybody
> have the service manual? Thanks.

I have let mine (on accident) go COMPLETELY dead on many occasions over
the past two or so years -- not once have I needed to program any of the
400 channels.

Rudy A. Willis
Pacific Bell Information Services
rwillis@popper.pacbell.com

Comments and thoughts posted here are my own,
and do not necessarily reflect those of my employer.

3480. Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-17 06:59:25 UTC
From: tmills@tuna.hooked.net
Message-ID: <3kbc0d$lf5@tuna.hooked.net>
Source record: 259999

In rec.radio.scanner Bishwa Shrestha <bishwa@rodeo.uwyo.edu> said:

How big is your antenna? I've never had problems when I was in the Denver area.

> I have been listening to air com. especially from Denver Airport in around 20
>frequencies; hottest are 128.325, 133.175, 126.500 etc.
>However, I am only able to receive one side of conversation, usually the pilot.
> I use PRO-39 with its built in antenna. Do I need to use the outdoor antenna
>to receive both side of conversation?
> My location is around 200 miles(?) north of Denver, in Laramie, Wyoming. Any
>response would be appreciated. BTW, we can also exchange some of the
>frequencies. I know this news-group has some wonderful people. Please post or
>send the private mail.
>
>Bishwa Shrestha, KC7JFV
--
Thomas Mills
tmills@hooked.net

3481. Part(s) needed

Newsgroup: rec.radio.scanner
Date: 1995-03-17 08:25:44 UTC
From: lou@gary.com
Message-ID: <779369661701@gary.com>
Source record: 260004

LO>Hi and thanks for reading this,

LO>I am in need of a couple of parts, or at least just the one main part.

LO>The part is: The case top for a Regency MX 3000 scanner. Someone brought
LO>the scanner to me, and apparently something had been dropped on it, the
LO>case was cracked right at the speaker grill and the speaker cone was
LO>busted.

LO>I can probably get a replacement speaker locally or from a reputable
LO>parts supplier, but I need the case if I can get one.

LO>If you have a case, either the top or if necessary, the whole thing if
LO>you don't wish to half it up, let me know the asking price with shipping
LO>included.

LO>Radio Shack carries a 10 Watt version of the speaker size needed, but I
LO>want to install that big of speaker. If you've got a scanner which died
LO>due to bad chips or ?, then perhaps you can help me out. Any help would
LO>be appreciated. If you do reply, please answer directly. Although I read
LO>this forum quite often, sometimes I only log onto the BBS to check for
LO>mail without going into the forums, so I may not get your reply.

LO>Thanks

LO>Lou

LO>Lou@Gary.Com

Regarding the speaker on the MX 3000, I meant to say that I do not want
to install that big of a speaker.

Lou

Lou@Gary.Com

--
Gary's Place BBS - 412 326-4039 - Internet e-mail and news

3482. Re: 154.xxx MHz - who uses it?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 08:53:15 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.159.0008E381@ccm.hf.intel.com>
Source record: 260020
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.scanner

In article <3kbqih$ha3@holly.csv.warwick.ac.uk> esuvy@csv.warwick.ac.uk (Peter Bishop) writes:

>Who uses 154.xxx MHz frequencies?

In the UK I have no idea, but since you didn't specify which country I have included the FCC allocations below:

154.010 Fire Mobile
154.025 Local Government
154.040 Local Government
154.055 Local Government
154.070 Fire Mobile
154.085 Local Government
154.100 Local Government
154.115 Local Government
154.130 Fire
154.145 Fire
154.160 Fire
154.175 Fire
154.190 Fire
154.205 Fire
154.220 Fire
154.235 Fire
154.250 Fire
154.265 Fire
154.280 Fire
154.295 Fire
154.310 Fire
154.325 Fire
154.340 Fire
154.355 Fire
154.370 Fire
154.385 Fire
154.400 Fire
154.415 Fire
154.430 Fire
154.445 Fire
154.490 Special Industrial
154.515 Business
154.540 Business
154.570 Business 2-Watt
154.600 Business 2-Watt
154.625 Business Paging

154.650 Police Mobile
154.665 State Police
154.680 State Police
154.695 State Police
154.710 Police Mobile
154.725 Police
154.740 Police
154.755 Police
154.770 Police Mobile
154.785 Police
154.800 Police
154.815 Police
154.830 Police Mobile
154.845 Police
154.860 Police
154.875 Police
154.890 Police Mobile
154.905 State Police
154.920 State Police
154.935 State Police
154.950 Police Mobile
154.965 Local Government
154.980 Local Government
154.995 Local Government

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3483. Guide to using Freq Forum

Newsgroup: rec.radio.scanner
Date: 1995-03-17 09:10:00 UTC
From: Steve_Finch@f239.n109.z1.fidonet.org
Message-ID: <NOMSGID_1=3A109=2F239.0_950317_041000_e460ed35@fidonet.org>
Source record: 260009

Jack, do you have a Reference Guide or Short Cut manual for using or changing, what I am doing on line here. Example when trying to change from one message # to the next, go from #5 BNN to #122 for example what is a quick way to do that. Now I have to go thru the whole menu to change from one item to the next. I no there is a faster way, but I just can't seem to quite figure out the short-cuts. Any help would be appreciated. Or is there a on line help dept. I looked for one. Other wise, I really enjoy using this BBS. I may be a little slow getting to the Conference I want. But the information is well worth it. Also I can't seem to get the qued conferences to work.. I no its me.. so please, I need your help... thanx Steve Finch.....

3484. Radio related Internet sites

Newsgroup: rec.radio.scanner
Date: 1995-03-17 09:27:35 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.160.00097601@ccm.hf.intel.com>
Source record: 259973

```
Radio Resources on the Internet (URL format)

Please send updates and corrections to:
brett_miller@ccm.ut.intel.com

(Last update: 17 March 95)

World Wide Web (URLS)
---------------------
http://dice.dac.neu.edu/Homepages/paul/al.html - FAQs, Freqs, Mods
http://www.mcc.ac.uk/OtherPages/AmateurRadio.html
http://w3eax.umd.edu/w3eax.html - University of Maryland ARC
http://www.acs.ncsu.edu/HamRadio - North Carolina State University ARC
http://macgwy-mac2.gsfc.nasa.gov/garc/wa3nan-home-page.html - Goddard ARC
http://w6yx.stanford.edu/w6yx.html - Stanford ARC
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html - Sarex Info
http://www.cs.nmsu.edu/~thharrel/ - Scanner stuff
http://itre.uncecs.edu/radio/ - Shortwave/Radio Catalog (lots of links)
http://www.law.indiana.edu/fclj/fclj.html - Federal Communications Law Journal
http://www.acs.oakland.edu/barc/ham-more/ham-more.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html - Railroad Scanning
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html - Railroad Freqs
http://www.mcc.ac.uk/John/SatTrack.html - Satellite Tracking
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html - Lot of Links to ARC pages
http://kzsu.stanford.edu/other-radio.html - Links to non-commercial broadcasters
http://www.mit.edu:8001/activities/wmbr/otherstations.html - Radio stns on Internet
http://www.fcc.gov - FCC Web Server
http://www.qrz.com /callbook.html - Ham Callsign database
http://www.rpi.edu/dept/union/w2sz/www
http://www.access.digex.net/~cps/numbers.html - HF numbers station loggings
http://www.demon.co.uk/javiation
http://usis.com/~odium/ - scanner stuff, hacking, etc.
http://ripco.com:8080/~glr/glr.html - Glen Roberts Full Disclosure
http://www.analysys.co.uk/commslib.html - many links to comms & telecomms sites
http://shrine.cyber.ad.jp/~jwt/hamradio.html - Nice Ham page, USA, Canada, Japan
http://www2.ncsu.edu/unity/users/j/jwprice/.index.html -
http://p300.cpl.uiuc.edu/~tpeckish/ar8000.html
http://www.okc.com/freq-out - frequency database

FTP (URLS)
----------
ftp://ftp.cdrom.com/pub/hamradio/
ftp://oak.oakland.edu/pub/hamradio
ftp://ham.eetech.mcgill.ca/pub/ham-radio
ftp://bubba.business.uwo.ca/mods
```

ftp://garfield.catt.ncsu.edu/pub/hamradio
ftp://ftp.sunet.se/pub/radio
ftp://ucsd.edu/mailarchives/info-hams - Info Hams Digest archives
ftp://mgate.arrl.org ARRL FTP site
ftp://ftp.cs.buffalo.edu/pub/ham-radio
ftp://ucsd.edu/hamradio
ftp://unbc.edu/ampr
ftp://tandem.com/hamradio
ftp://nic.funet.fi/pub/ham and /pub/dx
ftp://ftp.demon.co.uk/pub/ham/mac - MAC stuff
ftp://grivel.une.edu.au/ham-radio
ftp://rtfm.mit.edu/pub/usenet/news.answers/ham-radio - Radio FAQs
ftp://ftp.qrz.com/qrz - QRZ CD-ROM files (no callsign database)
ftp://archive.afit.af.mil/pub/space/amateur.tle - Keplerian Elements
ftp://ftp.crl.com/users/ro/vhealey/www (use WWW viewer for HTML docs)
ftp://scitsc..wlv.ac.uk/pub/hamradio - UK ham radio stuff, buffalo mirror
ftp://ftp.iea.com/pub/borg/hdn - Ham Distribution Network site
ftp://wb3ffv1.sed.csc.com/ham

E-Mail servers (URLS)
---
mailto:ftpmail@exchange.tlh.fl.us - get INDEX.TXT
mailto:qsl-info@aug3.augsburg.edu - Callsign server - no subject, callsign in body
mailto:callbook@n8emr.cmhnet.org - Callsign server
mailto:wl-scan-cj@society.com - Frequency lists - put INDEX as subject
mailto:mail-server@rtfm.mit.edu - put help in the message body
mailto:rccons!fileserv@telerama.lm.com - All Ohio scanner club.type: GET AOSCINFO.ZIP

Gopher (URLS)
---
gopher://gopher.switch.ch /11/misc/faq/faq-dir FAQs
gopher://hamster.business.uwo.ca (129.100.89.100)
gopher://gopher.cic.net /11/e-serials/general/radio
gopher://scitsc.wlv.ac.uk /11/pub/hamradio
gopher://yfn.ysu.edu /11/public/sigs/ham
gopher://gopher.fcc.gov

USENET (URLS)
---
news:alt.radio.scanner - Above 30 MHz (rec.radio.scanner)
news:alt.cellular - (I've never seen any cellular related traffic yet)
news:alt.radio.pirate - Pirate radio station topics
news:rec.antiques.radio+phono - Antique radio & phono topics
news:rec.radio.amateur.antenna - Antenna related topics
news:rec.radio.amateur.equipment - Radio equipment discussions (mostly Ham)
news:rec.radio.amateur.misc - Main newsgroup for Ham radio topics
news:rec.radio.amateur.digital.misc - Digital communications (including Packet)
news:rec.radio.amateur.homebrew - Make your own radio equipment
news:rec.radio.amateur.packet - (not used any more?)
news:rec.radio.amateur.policy - Ham radio rules, regulations, policy changes
news:rec.radio.amateur.space - Ham radio & space communications

news:rec.radio.broadcasting - AM & FM broadcasting
news:rec.radio.scanner - Monitoring above 30 MHz
news:rec.radio.shortwave - Monitoring below 30 MHz
news:rec.radio.swap - radio related sales & swap topics
news:rec.radio.cb - Citizens Band Radio topics
news:rec.radio.info - Radio related newsgoup FAQs, reference info, (no discussions)
news:phl.scanner - Scanner topics in the Philadelphia, PA area.

MAILING LISTS
---
rccons!rec@telerama.lm.com -Western Pennsylvania scanner mailing list

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3485. Re: Amateur Raynets

Newsgroup: rec.radio.scanner
Date: 1995-03-17 09:43:57 UTC
From: gordy@gbscomms.win-uk.net
Message-ID: <226@gbscomms.win-uk.net>
Source record: 260005

In article <6839@rook.ukc.ac.uk>, Duncan (dpfg@ukc.ac.uk) writes:
>What are ham "Raynet Channel"s??

RAYNET is a voluntary organisation comprised of hams who pledge to provide communications support in times of national disaster, accidents or other problems experienced by the "user services" ie County Emergency planning, Police, Fire, Ambulance, Coastguard, St Johns ambulance etc etc

They also take part in exercises, eg bike races, sponsored walks, charity events, and multi-service emergency exercises. to provide backup comms

To answer the question directly, a "RAYNET Channel" os a channel used by RAYNET groups for emergency communications traffic. These are not "exclusive" channels, but they are listed on the bandplans to let others know which channels to avoid during times of emergency, unless they are taking part.

Some guides (one in particular) is quite misleading in what it lists as "RAYNET Channels". Anyways, the bandplans are apparently soon to be reprinted with the words "Emergency Communications Priority" instead.

Gordy

--
SIGint, geddit?

3486. Re: 800/900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-17 09:55:04 UTC
From: jimm@teleport.com
Message-ID: <jimm.47.002AC374@teleport.com>
Source record: 260024

In article <3k7nrm$jaj@white.lambton.on.ca> 92003623@white.lambton.on.ca (J Baillie) writes:
> If you do
>find out what the 900 mhz cordless phones are please mail them to me
>or post them in this news area... I am intrested in finding out what they
>are as well

> Jamie

My Escort 900 MHz phone freq. hops between 902 and 928 MHz
in about 100 different steps every .25 sec. Fun to watch on a
spectrum analyzer, but the digital encoded speech is hard
enough to decode, if you can catch the carrier.

Keep trying.

status 220009
unit will not fit thru 25" hatch (OS/magtape manager)
jimm@teleport.com

3487. Re: Which scanners have CTSS capability

Newsgroup: rec.radio.scanner
Date: 1995-03-17 09:59:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.161.0009FD2E@ccm.hf.intel.com>
Source record: 259875

In article <erkD5Eu4y.C9C@netcom.com> erk@netcom.com (Erick Parsons) writes:
>I've been told that Sacramento County will be upgrading their radio system
>to a newer polling system. This system will have say .. ten channels for
>ALL of the agencies, but any one of these channels could be used by any
>agency, while maintaining privacy from interferance from any other agencies.
>Am I making myself clear ?

>In other words:
>given these freqs. the person keying the mike in a sherrifs car could end
>up on any frequency ,

>On the first key up lets say channel 3 @ 453.020

>1. 453.000
>2. 453.010
>3. 453.020 Sherrifs (first key up)
>4. 453.030
>5. 453.040 Sheriffs (third key up)
>6. 453.050
>7. 453.060
>8. 453.070 Sherrifs (second key up)
>9. 453.080
>10. 453.090

I am not familiar with the term "Polling" with respect to radio systems, but what you describe sounds like a trunked system. Only, trunking in the 400. MHz band is very uncommon. I don't know if you chose those frequencies just as an example, or if you are actually hearing this. More than likely, if they are switching to a trunked system, it will be in the 800MHz band. Either way, CTCSS (PL) is not typically used in these sytems and would not help you in following the conversations has they pop up on the different repeaters. About all you can do is keep your finger on the scan button.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3488. Re: DAMARK Purchase info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-17 10:07:50 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.162.000A21BF@ccm.hf.intel.com>
Source record: 259974

In article <D5H4Es.DBG@agora.rdrop.com> stavros@agora.rdrop.com (Steve Culliton) writes:

>According to a catalog I've got, the BC3000XLT doesn't have a restorable
>cellular. Anybody confirm that?

All indications are that it is NOT restorable. However cellular images can be
received just fine, and it is likely that someone will discover a way to mod
the radio as they did with the 220XLT.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3489. 154.xxx MHz - who uses it?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 11:08:01 UTC
From: esuvy@csv.warwick.ac.uk
Message-ID: <3kbqih$ha3@holly.csv.warwick.ac.uk>
Source record: 260006
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.scanner

```
Who uses 154.xxx MHz frequencies?

Cheers,

Peter.
--
Peter Bishop
[esuvy@csv.warwick.ac.uk]
```

3490. Portland, OR. Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-17 11:12:00 UTC
From: <>
Message-ID: <8A5A174.01F4000043.uuout@firstdue.uu.holonet.net>
Source record: 260007

Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!news.sprintlink.net!psgrain!agora!agora.rdrop.com!stavros
From: stavros@agora.rdrop.com (Steve Culliton)
Subject: Portland, OR. Freqs
Sender: news@agora.rdrop.com (USENET News)
Nntp-Posting-Host: agora.rdrop.com
Organization: RainDrop Laboratories
Message-ID: <D5KMK5.72p@agora.rdrop.com>
Date: Fri, 17 Mar 1995 06:12:04 GMT
Lines: 119

I lost the address of the person who wanted Portland, and south of
Portland freqs, so I'm posting it here so they can get them.

Here's a couple of things you can tune to when visiting Lake Oswego and
the Portland Area:

Lake Oswego

Local Gov. 453.9375
Public Works Operations 45.520
City of Lake Oswego 453.9375

Fire 153.830
Fire 154.010
Fire 154.205
Fire 154.250
Fire 154.400

From a different book:

Fire
F-1 Tap out & Fire Dispatch 154.190
F-2 Fire Operations South County 153.890
F-3 Fire Operations North County 154.220
F-4 Mutual Aid Net (State Net) 154.280
F-5 Fire Operations East County 154.325

Police F-1 Patrol & Dispatch 460.450
Police F-2 Car to Car 460.225
Metro Net 159.030

Clackamas County

County Sherif 155.610
County Sherif 158.850
County Sherif 158.970

County Sherif F-1 Dispatch & Patrol 155.430
County Sherif F-2 Dispatch & Patrol 155.190
County to County Sheriff's Net 460.500

Portland

Kex (AM) News/Traffic 450.550
Traffic Control, Inc 450.4875
(If you drive in rush hour, use that one on your priority channel!)

NOAA 162.550
(Weather from the airport, 24 hours a day)

F-1 Dispatch/Patrol (Central Precinct) (NW/SW) 460.325
F-2 Dispatch/Patrol (East Precinct) (NE/SE) 460.200
F-3 Dispatch/Patrol (North Precinct) 460.100
F-4 Multnomah Country Channel 460.125
F-5 City/County Car to Car 460.425
F-6 Special Events/Car to Car/Detectives 460.250
F-7 County Channel 460.350
F-8 Wattant Information/License checks 460.050
F-9 Tactical 460.275
Tactical/Surveillance 460.500
Tactical/Surveillance 460.6375
Portland Airport Police 460.225
Justice Center 460.550
River Patrol 158.730
Sherif Department 460.475

Portland & Multnomah County Fire

Tap-Out Channel (all alarms) 154.430
F-1 Administration 154.010
F-2 Fireground 154.250
F-3 Fireground 154.145
F-4 Fireground 154.175
F-5 Fireground 154.355
F-6 Mutual Aid (Boring/Sandy) 154.325
F-7 Mutual Aid (Happy Valley/Clackamas County/
Distric 1/Oak Lodge/Milwaukie) 154.220
F-8 Mutual Aid (Statewide) 154.280

Tri-County Emergency Medical

Dispatch (Portland/Multnomah County) 462.950
Dispatch (Washington County/Life Flight) 462.975
Operations (Washington County) 463.025
Operations (Washington County) 463.050
Univ. Of Oregon Hospital 463.075
Operations (Portland/Mult. County 463.125
Life Flight 463.175
HEAR (Ambulance to Hospital) 155.340

Oregon State Police

Portland, Boevernment Camp, Columbia City 154.935
McMinnville, Banks, Beaverton 156.225

Repeater, Portland (transmit) 155.460
Repeater, Washington County (transmit) 159.105

That should give you a start. The Portland police and Mult. County Sheriffs are in the process of shifting over to a 800 trunking system, but are still similcasting on the old freqs.

TTFN

-Steven

• Cam-Mail v1.40:

3491. San Fran/Oakland CA freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-17 11:14:00 UTC
From: <>
Message-ID: <8A5A176.01F4000044.uuout@firstdue.uu.holonet.net>
Source record: 260008

```
Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!news.sprintlink.net!psgrai
n!agora!agora.rdrop.com!stavros
From: stavros@agora.rdrop.com (Steve Culliton)
Subject: San Fran/Oakland CA freqs wanted...
Sender: news@agora.rdrop.com (USENET News)
Nntp-Posting-Host: agora.rdrop.com
Organization: RainDrop Laboratories
Message-ID: <D5KMnK.73t@agora.rdrop.com>
Date: Fri, 17 Mar 1995 06:14:08 GMT
Lines: 11

I'm looking for Police, fire and traffic freqs for SF/Oakland CA.
I'll be down there in a week or two, so if you have something interesting,
please let me know.

Thanks!

TTFN

-Steven

---
```

 Cam-Mail v1.40:

3492. Re: Test... please reply!

Newsgroup: rec.radio.scanner
Date: 1995-03-17 11:35:04 UTC
From: huffman.79@postbox.acs.ohio-state.edu
Message-ID: <huffman.79.141.000B95A3@postbox.acs.ohio-state.edu>
Source record: 260019

In article <D58sAK.6J4@sun2.iusb.indiana.edu> dbarkley@sun1.iusb.indiana.edu (Super Dave!) writes:
>From: dbarkley@sun1.iusb.indiana.edu (Super Dave!)
>Subject: Test... please reply!
>Date: Fri, 10 Mar 1995 20:44:43 GMT

>This is a test message. Please just drop a note, with origin, if you receive
>this. Thanx

>--
>Dave Barkley - Product ENG. Xcel Controls, Indiana
>M & D Motorsports South Bend/Mishawaka, Indiana
>--
> "It's my last form of sancuary, behind my blacked out glass." - S. Hagar

It works/%%

3493. SCANNER LAW (chart)

Newsgroup: rec.radio.scanner
Date: 1995-03-17 12:20:05 UTC
From: folson@prairienet.org
Message-ID: <3kbupl$bn9@vixen.cso.uiuc.edu>
Source record: 260010

```
================================================================================
Mobile Scanners and Radar Detectors following states. (IPB - WB9ULS)
(For Smaller vehicles, not commercial vehicles) (Mar. 17, 1995)
(If any changes that you know about.. E-mail--> folson@prairienet.org
================================================================================
LEGAL LEGAL LEGAL-HAM
RADAR MOBILE MOBILE
UNITED STATES DETECTORS SCANNERS SCANNERS
-------------------- --------- --------- ---------
ALABAMA.............. YES...... YES...... YES......
ALASKA............... YES...... YES...... YES......
ARIZONA.............. YES...... YES...... YES......
ARKANSAS............. YES...... YES...... YES......
CALIFORNIA........... YES...... YES...... YES......
COLORADO............. YES...... YES...... YES......
CONNECTICUT.......... YES...... YES...... YES......
DELAWARE............. YES...... YES...... YES......
DIST. OF COLUMBIA.... NO ..... NO ..... NOT SURE
FLORIDA.............. YES...... NO ..... YES......
GEORGIA.............. YES...... YES...... YES......
HAWAII............... YES...... YES...... YES......
IDAHO................ YES...... YES...... YES......
ILLINOIS............. YES...... YES...... YES......
INDIANA.............. YES...... NO ..... YES......
IOWA................. YES...... YES...... YES......
KANSAS............... YES...... YES...... YES......
KENTUCKY............. YES...... NO ..... NOT SURE
LOUISIANA............ YES...... YES...... YES......
MAINE................ YES...... YES...... YES......
MARYLAND............. YES...... YES...... YES......
MASSACHUSETTS........ YES...... YES...... YES......
MICHIGAN............. YES...... NO ..... YES......
MINNESOTA............ YES...... NO ..... YES......
MISSISSIPPI.......... YES...... YES...... YES......
MISSOURI............. YES...... YES...... YES......
MONTANA.............. YES...... YES...... YES......
NEBRASKA............. YES...... Y/N**.... NOT SURE
NEW YORK............. YES...... YES...... YES......
NEVADA............... YES...... YES...... YES......
NEW HAMPSHIRE........ YES...... YES...... YES......
NEW JERSEY........... YES...... YES...... YES......
NEW MEXICO........... YES...... YES...... YES......
NEW YORK............. YES...... NO ..... NOT SURE
NORTH CAROLINA....... YES...... YES...... YES......
```

```
NORTH DAKOTA......... YES...... YES...... YES......
OHIO................. YES...... YES...... YES......
OKLAHOMA............. YES...... Y/N**.... NOT SURE
OREGON............... YES...... YES...... YES......
PENNSYLVANIA......... YES...... YES...... YES......
RHODE ISLAND......... YES...... YES...... YES......
SOUTH CAROLINA....... YES...... YES...... YES......
SOUTH DAKOTA......... YES...... YES...... YES......
TENNESSEE............ YES...... YES...... YES......
TEXAS................ YES...... YES...... YES......
UTAH................. YES...... YES...... YES......
VERMONT.............. YES...... Y/N**.... NOT SURE
VIRGINIA............. NO ...... YES...... YES......
WASHINGTON........... YES...... YES...... YES......
WEST VIRGINIA........ YES...... Y/N**.... YES......
WISCONSIN............ YES...... YES...... YES......
WYOMING.............. YES...... YES...... YES......

================================================================================
NOTE: If you know of any changes Please e-mail me direct
so that I can update the chart and keep everyone
posted. folson@prairienet.org
--
Fran Olson (WB9ULS) email:folson@prairienet.org
P.O. Box 1122
Champaign, Il. 61824-1122
U.S.A.
```

3494. Inmarsat

Newsgroup: rec.radio.scanner
Date: 1995-03-17 13:08:23 UTC
From: jdemaree@dialin.ind.net
Message-ID: <3kc1k7$bv6@aim.tech.iupui.edu>
Source record: 260011

Is there anyone listing to inmarsat?
Has anyone received the C-band downlink?
Anyone have software to receive the FAX from Inmarsat?

****
* Jonathan Demaree Internet jdemaree@dialin.ind.net
* (Jack) Demaree MCIMail jdemaree@MCIMail.com
* 1071 S. St. Rd. 129 ---
* Versailles, Indiana Packet WB9OTX@N8GTC.#CIN.IN.USA.NA
* U.S.A. 47042 WB9OTX ZF2GO VP5/wb9otx
* Phone: 812-689-5960 TVRO - Weather Sats - Ham Radio
****

3495. Re: Pro-51 codes

Newsgroup: rec.radio.scanner
Date: 1995-03-17 14:00:28 UTC
From: Robert Campbell <robertac@island.net>
Message-ID: <3kc4ls$555@cliff.island.net>
Source record: 260012

Mark <hammark@delphi.com> wrote:
>
> I bought a Pro-51 last week and followed the sugestion for
> 2-9-moni followed by 2-9-l\out. It worked as advertised except
> that the 800mhz was not in the cellular range. The exact number
> I don't recall now. I do get plenty of cellular between approx.
> 900-915mhz.

Try this. Hold down the 2, 9, Band & and turn the unit on.
You should see a test display scrolling left to right. Now
press 2, 9, L/OUT while the unit is on. Now check and see if
you have the 800 mhz in channel 23.

3496. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-17 14:08:00 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950317060256.28365B-100000-100000-100000@holmes.ece.orst.edu>
Source record: 260013

On 17 Mar 1995 chrisQ@ix.netcom.com wrote:

> >>
> >> >I hate to tell you, but, they work on Doppler shift. They use a CW
> beam
> >> >and you reflected signal is comapred against the original signal.
> >> Moving
> >> >radar has two beams, one is a High beam thats offset to track you
> the
> >> >victim, and the low beam thats pointed straight ahead and measures
> >> >vehicle speed. A nice FM Sawtooth signal centered on the radar freq
> >> jams
> >> >em quite well. Makes your speed go from -200 MPH to +200 MPH in
> about 2
> >> sec.
> >> >Us countermeasure techs know this. A lot of the guns have a feature
> >> >called Doppler Audio, basically it converts the reflected signal
> into a
> >> >tone. The higher pitched the tone, the faster you are going.
> >>
> >> Is that not what my second paragraph said...duh!!! maybe you
> >> countermeasures techs should consider an english class!!
> >
> >Well, I believe you said that the radar sends out a pulse and when it
> >recieves a return it computes all the BS. It uses no pulse at all. It
> is
> >a continuous wave and the reciever recieves back a signal that is off
> the
> >center freq. The difference is your speed.
>
> I also believe that I was speaking of triggered radar guns which are the
> standard now days. Which can be activated at the officers discretion
> and not left on for anyone with a 50 dollar radar detector to know what
> their up to.

But, there is still no pulse! All "instant on" does is switch on the CW
transmitter. The radar gun still works the same way, it just stays silent
until the officer decides to flip it on, and when he flips it on your
detector will scream. Police radar guns never compute range (Lidar units do).

3497. BEST SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-03-17 14:08:50 UTC
From: pp001141@interramp.com
Message-ID: <3kc55j$6sf@usenet.interramp.com>
Source record: 260014

I am new to this group and new to scanning. I am looking to purchase
my first scanner. What is the best overall value scanner on the market.
I would also like to interface this scanner to my computer. Is this
a difficult thing to do? Are there any scanners or adapters that will
pick up ham bands and shortwave bands? Any help would be appreciated.
Either answer here or my E-Mail address (pp001141@interramp.com).
Thanks Tom

3498. Re: Help, Unknown freq's.

Newsgroup: rec.radio.scanner
Date: 1995-03-17 14:14:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.163.000E3F58@ccm.hf.intel.com>
Source record: 259884

In article <a32_9503141301@nisc.fidonet.org> Cosimo.Delrosso@f593.n107.z1.fidonet.org (Cosimo Delrosso) writes:

>-> Ok... I got the book but these aren't in there.
>->
>-> 10.595
>-> 10.140
>-> 37.850
>->
>-> I picked up an old crystal scanner with these in it.

>Maybe the Grove databse can help you.

Just because the crystal has a frequency on it does not mean that is the frequency you are listening to. The scanner multiplies the frequency. I can't remember the formula. It depends on if the fundamental frequency is being converted to VHF-HI or VHF-LO to figure which formula to use. It is something like: fundamental + IF x 3 for VHF high. Anybody remember?

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3499. Re: Cellular Theory

Newsgroup: rec.radio.scanner
Date: 1995-03-17 14:26:05 UTC
From: cowpunk@sirius.com
Message-ID: <cowpunk-1703950626050001@slip222.sirius.com>
Source record: 260015

The latest issue of _Private Line_ (vol.2 #2) has the first part of a "Cell Phone Basics" series.

If _Private Line_ is not in your stores the addess is:

Now where did I put that issue?

Ah there it is.

Private Line 5150 Fair Oaks Blvd #101-348
Carmichael, CA 95608

Its an interesting magazine devoted to telephones.

3500. Indy car freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 14:30:04 UTC
From: mleslie@iquest.net
Message-ID: <mleslie-1703950930040001@ts1-ind-26.iquest.net>
Source record: 260016

Anyone have this years freqs. for the Indy car teams? May is practically right around the corner and I want to be ready for the first weekend of quals...

Mark

_
27th Floor Productions \ "I dreamed I had to take a test
Mark & Nancy Leslie / in a Dairy Queen on another
email:mleslie@iquest.net \ planet." - Laurie Anderson
_

3501. Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-17 14:46:35 UTC
From: bbaker@csn.net
Message-ID: <3kc7cb$n5r@news-2.csn.net>
Source record: 259940

Lately I have been hearing that some airlines are allowing scanners to be used while in flight as long as it is not used within 10 minutes of takeoff or landing.

Has anyone heard of this and if so, what airlines permit this?

Thanx

Ben
bbaker@csn.net

3502. Help; Marymac/R.Shack

Newsgroup: rec.radio.scanner
Date: 1995-03-17 15:23:23 UTC
From: amike@maniac.med.miami.edu
Message-ID: <3kc9hb$r22@miasun.med.miami.edu>
Source record: 259949

A while back netters on this group turned me on
to Marymac Industries or Radio Shack. I never used
them until recently and have had a problem.

I ordered a cordless headset phone. They took my order
and said i'll would arrive in 7-10 days. 21 days later
I called inquiring about my order. Their response:

"Oh, we are currently out. I told him I asked about
availability at time of order and they said "they were
available" I asked when they expected to ship. He said:
"I don't know, pick it up locally." I said "We'll I'll
wait, will you ship pending orders? He said "No, when
we don't have an item we scrap all unshipped orders."

Has anyone experienced this? Are they trying to protect
the local stores business?, since through them items are
discounted?

BTW, they never asked my name or anything just what item
was I waiting for.

Txs,

Mike A.
amike@maniac.med.miami.edu

3503. Recharging alkaline rechargeables

Newsgroup: rec.radio.scanner
Date: 1995-03-17 15:25:55 UTC
From: jmeyers@arn.net
Message-ID: <3kc9m4$ke@services.arn.net>
Source record: 260018

OK, I've partially abandoned my pathetic Ni Cad reliance and, based upon recommendations here, I went out and bought some AA rechargeable alkaline batteries.

Now what do I do when they run down? Anyone know the specs on recharging them? Don't tell me to buy a charger. I'm an American. Real Americans don't need no stinkin' chargers.

Thanks

Jack

3504. Re: BEST SCANNER

Newsgroup: rec.radio.scanner
Date: 1995-03-17 16:26:13 UTC
From: awatts@interramp.com
Message-ID: <NEWTNews.19903.795461724.awatts@interramp.com>
Source record: 259948

In article <3kc55j$6sf@usenet.interramp.com>, <pp001141@interramp.com writes:
>
> I am new to this group and new to scanning. I am looking to purchase
> my first scanner. What is the best overall value scanner on the market.
> I would also like to interface this scanner to my computer. Is this
> a difficult thing to do? Are there any scanners or adapters that will
> pick up ham bands and shortwave bands? Any help would be appreciated.
> Either answer here or my E-Mail address (pp001141@interramp.com).
> Thanks Tom
>
>
Tom, I like the Uniden/Bearcat 855XLT. There are probably newer,better ones
though.

Alan Watts
awatts@interramp.com

3505. Re: San Fran/Oakland CA freqs wanted...

Newsgroup: rec.radio.scanner
Date: 1995-03-17 16:37:17 UTC
From: Dick Dillman <ddillman@igc.apc.org>
Message-ID: <APC&1'0'7cbf1eaa'951@igc.apc.org>
Source record: 259925

Steven:

Check out the Radio & Scanner special interest area on Environet in
San Francisco at 4215-512-9108. That's 415-512-9108. There's
a downloadable file of SF frequencies and the capability to search
for specific stuff on-line.

Regards,

Dick Dillman

3506. Re: Where are the FAQ's

Newsgroup: rec.radio.scanner
Date: 1995-03-17 16:38:30 UTC
From: Kimberly.Sanborn@dartmouth.edu
Message-ID: <3kcdu6$o7d@dartvax.dartmouth.edu>
Source record: 260021

In article <paul_haring.40.00091B29@jhuapl.edu>
paul_haring@jhuapl.edu (Paul S. Haring) writes:

> The same place that all FAQs are kept:
>
> ftp rtfm.mit.edu:/pub/usenet_by_group/rec.radio.scanner/

I tried sending mail to that address, but my mailserver said 'no such
address'. Does anyone have the correct address?

-KS

3507. Re: are all pro 2006s modifiable?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 17:24:42 UTC
From: heglowstein@bix.com
Message-ID: <3kcgkq$rct@news1.delphi.com>
Source record: 260022

ray halliday (raymo@netcom.com) wrote:
: that's my question.

: or are there newer models that are neutered for good?

: thanks,

: ray
Yes, they are. They were discontinued instead of blocked.

3508. Ever hear a bug on a scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 17:41:46 UTC
From: gordonlm@u.washington.edu
Message-ID: <3kchkq$c74@nntp3.u.washington.edu>
Source record: 260023

These days, one can buy bugs in local "spy shops". They are typically labeled as baby monitors or wireless mikes for performers. Really they are intended to be planted to illegally gather information on competitors (commercial or otherwise).

They transmit in the commercial FM band (cheap ones), around 300 MHz (expensive ones), or up to 10 GHz (very expensive ones).

Have you ever heard one? I suspect that with bunches of these devices being sold they can be picked up once in a while on a scanner. My reason for asking is an interest in working with some folks doing sweeps for bugs and I suspect that people with scanners have had some interesting experiences to pass on.

3509. Re: Help; Marymac/R.Shack

Newsgroup: rec.radio.scanner
Date: 1995-03-17 18:12:56 UTC
From: domonkos@access.digex.net
Message-ID: <W-SQliubGsq5079yn@access.digex.net>
Source record: 259926

In article <3kc9hb$r22@miasun.med.miami.edu>,
amike@maniac.med.miami.edu (Mike Alicea) wrote:
> A while back netters on this group turned me on
> to Marymac Industries or Radio Shack. I never used
> them until recently and have had a problem.

.....snip

>
> Has anyone experienced this? Are they trying to protect
> the local stores business?, since through them items are
> discounted?
>
> BTW, they never asked my name or anything just what item
> was I waiting for.
>
I called them a few times and their answers about discontinued items and
other issues (sale prices, etc) turned me off...too much inconsistency
from what they say and what the local RS stores say. 15% savings
aren't worth the shipping costs/hastles.

Andy

3510. Re: Recharging alkaline rechargeables

Newsgroup: rec.radio.scanner
Date: 1995-03-17 18:13:37 UTC
From: domonkos@access.digex.net
Message-ID: <31TQliubG-jF079yn@access.digex.net>
Source record: 259927

In article <3kc9m4$ke@services.arn.net>, jmeyers@arn.net (Jack Meyers) wrote:
> OK, I've partially abandoned my pathetic Ni Cad reliance and, based upon
> recommendations here, I went out and bought some AA rechargeable alkaline
> batteries.
>
> Now what do I do when they run down? Anyone know the specs on recharging
> them? Don't tell me to buy a charger. I'm an American. Real Americans don't
> need no stinkin' chargers.
>
> Thanks
>
> Jack

You better buy their charger. They use a proprietary pulse width modulated
charging system custom designed for their batteries. Don't chance getting
bad results with your batteries. I'll never use anything else.

Andy

3511. Re: AR8000 FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-17 19:11:00 UTC
From: <>
Message-ID: <8A5A353.01F400005A.uuout@firstdue.uu.holonet.net>
Source record: 259928

Path: holonet!colossus.holonet.net!news.sprintlink.net!cs.utexas.edu!swrinde!ihnp4.ucsd.edu!network.ucsd.edu!equalizer!timbuk.cray.com!driftwood.cray.com!jbadger
From: jbadger@poplar110.cray.com (Jon Badger)
Subject: Re: AR8000 FOR SALE
Message-ID: <1995Mar17.141114.8097@driftwood.cray.com>
Originator: jbadger@poplar110
Lines: 14
Sender: jbadger@poplar110 (Jon Badger)
Nntp-Posting-Host: poplar110
Organization: Cray Research, Inc.
References: <3k4i99$mir@hermes.sibylline.com>
Date: 17 Mar 95 14:11:13 CST

Larry,
New EU models can be had in Canada for $670 (US)
and new US models are $589 locally (checked today).
Please send more info on your unit. Age, wear, etc.
Thanks,
Jon

--
_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063
..-. ..- - ..- .-. . ...-- .--. -- - . -.-. ....

• Cam-Mail v1.40:

3512. Re: Recharging alkaline rechargeables

Newsgroup: rec.radio.scanner
Date: 1995-03-17 19:12:20 UTC
From: schuster@panix.com
Message-ID: <3kcmul$f3r@panix3.panix.com>
Source record: 259929

In article <3kc9m4$ke@services.arn.net>, Jack Meyers <jmeyers@arn.net> wrote:
>OK, I've partially abandoned my pathetic Ni Cad reliance and, based upon
>recommendations here, I went out and bought some AA rechargeable alkaline
>batteries.
>
>Now what do I do when they run down? Anyone know the specs on recharging
>them? Don't tell me to buy a charger. I'm an American. Real Americans don't
>need no stinkin' chargers.

OK. Design a charger that delivers 2VDC pulsed, with a 70% duty cycle that
tapers to zero as the cells approach a terminal voltage of 1.6V. Of course
you'll need a separate circuit for each cell.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3513. <None>

Newsgroup: rec.radio.scanner
Date: 1995-03-17 19:37:02 UTC
From: krstohr@csupomona.edu
Message-ID: <1995Mar17.113702@clstac>
Source record: 259931

Where I work we use a trunked radio system. It is a Motorola
base unit. Inside the cover there are 4 freq's listed. If I remember
correctly they were aroung 864.### spaced evenly apart. I have scanned
these for hours with no results. Is there an easier way to determine
what the correct freq's are?
--
Kenj
KRStohr@CSUPomona.edu

1968 440 GTX
1969 383 RoadRunner
1965 289 Mustang

3514. Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-17 19:53:09 UTC
From: SWassell@sv.span.com
Message-ID: <795495189snx@sv.span.com>
Source record: 259930
Cross-posted to: alt.radio.scanner.uk,rec.radio.scanner

I've been trying, without much success to get some sort of picture from the strong signal at 137.925Mhz. I guess that it's a weather satellite, as that's what is sounds like, but I can't get any sort of picture.

I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface definately works, but when it's all connected up I just get at best a black screen with occasional white dots.

What's going wrong here?

----------------------------------=*=----------------------------------

_____ __ __
/ ____)\ \ / / from Stephen Wassell Oh, what sad times are these
____ \ \ \/\/ / SWassell@sv.span.com when passing ruffians can say
(_____/ _/_/ Try coopers.wad! "Ni" at will to old ladies.

3515. NEW INFO:WWW Freq Site

Newsgroup: rec.radio.scanner
Date: 1995-03-17 19:56:34 UTC
From: martyf@interport.net
Message-ID: <3kcphi$2fp@interport.net>
Source record: 259932
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Some files have already come in, but my bonehead correction only went out to the rec group and not it cousin, alt.radio.scanner

For those of you now wonder what the hey is going on, I went and put up a WWW site that is pretty well organized (I think) and I hope will act as a central source of frequency data. The site is NOT pretty, and there's no search engine. However, it's up at http://www.okc.com/freq-out

If you want to participate in this server's updating, please send your files to freqs@okc.com
You MUST identify the State and city or town where applicable.

NO MODIFICATION FILES PLEASE! FREQ. LISTS ONLY!

mf

3516. Cellular Repeater

Newsgroup: rec.radio.scanner
Date: 1995-03-17 19:59:05 UTC
From: barryc@mpd.tandem.com
Message-ID: <1995Mar17.195905.25172@integrity.uucp>
Source record: 259942

Hi,

I just saw an interesting ad that had a Cell Receiver/Transmitter board set for $99. It consisted of a two channel receiver (voice/data), and a 1.5 Watt transmitter for AMPS. The freqency selection was via a 10 bit digital code (parallel). Looks like a neat item to use for building a cell scanner (not that I would) or a test transmitter for cellular testing (assuming you are authorized, etc.). No I don't have address (I need to pick up 10 or so...) but you might check the Circuit Cellar ads.

CUL,
-barryc

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 432-8723 The Home of "UNIX with Integrity"
EMAIL: barryc@isd.tandem.com barryc@i-link.net
76500.2177@compuserve.com n5nwi@delphi.com

3517. Re: AR8000 FOR SALE

Newsgroup: rec.radio.scanner
Date: 1995-03-17 20:11:13 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Mar17.141114.8097@driftwood.cray.com>
Source record: 259939

Larry,
New EU models can be had in Canada for $670 (US)
and new US models are $589 locally (checked today).
Please send more info on your unit. Age, wear, etc.
Thanks,
Jon

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063
..-. ..- - ..- .-. . ...-- .--. -- - . -.-. ....

3518. PRO-42 mods

Newsgroup: rec.radio.scanner
Date: 1995-03-17 20:14:50 UTC
From: k12ocsaj@vaxa.hofstra.edu
Message-ID: <1995Mar17.151450.1@vaxa>
Source record: 259933

Anyone know some mods for the PRO-42?

3519. Re: Help; Marymac/R.Shack

Newsgroup: rec.radio.scanner
Date: 1995-03-17 20:34:57 UTC
From: fowler@esmsun.gtri.gatech.edu
Message-ID: <fowler.235.795472497@esmsun.gtri.gatech.edu>
Source record: 259934

In article <W-SQliubGsq5079yn@access.digex.net>
domonkos@access.digex.net (Andy Domonkos) writes:

>In article <3kc9hb$r22@miasun.med.miami.edu>,
> amike@maniac.med.miami.edu (Mike Alicea) wrote:

>> A while back netters on this group turned me on
>> to Marymac Industries or Radio Shack. I never used
>> them until recently and have had a problem.

>.....snip

>>
>> Has anyone experienced this? Are they trying to protect
>> the local stores business?, since through them items are
>> discounted?
>>
>> BTW, they never asked my name or anything just what item
>> was I waiting for.
>>
>I called them a few times and their answers about discontinued items and
>other issues (sale prices, etc) turned me off...too much inconsistency
>from what they say and what the local RS stores say. 15% savings
>aren't worth the shipping costs/hastles.

My experience is the exact opposite. I call, ask for price and availability
on RS item #. They give me a direct answer, the price is always less than
the current RS sale price. Five day delivery via UPS, no shipping charge,
no hassles.

Chris

c. b. fowler ke4rzq gtri/elsys/esmd
chris.fowler@gtri.gatech.edu

3520. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-17 20:35:59 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3kcrrf$ajv@ecom2.ecn.bgu.edu>
Source record: 259935

wwhitby@aol.com (Wwhitby) writes:

>BTW, my friend had to check his radar unit for accuracy after every stop
>using a tuning fork. He had to record that on a log sheet. He told me
>that it was law. It could be a defense if the radar units haven't been
>checked.

How was the tuning fork able to check the calibration?
Is there a microphone built into this thing which can hear
the tuning fork? Is the tuning fork matched to a certain
speed/frequency corrilation?
very interesting

-==-
Dave

3521. RE: SCANNER LAW (CHART)

Newsgroup: rec.radio.scanner
Date: 1995-03-17 20:36:36 UTC
From: operator@tardis.mdcorp.ksc.nasa.gov
Message-ID: <1995Mar17.153636.1@tardis.mdcorp.ksc.nasa.gov>
Source record: 259936

In article <3kbupl$bn9@vixen.cso.uiuc.edu>, folson@prairienet.org (Fran Olson) writes:
>
> ==
> Mobile Scanners and Radar Detectors following states. (IPB - WB9ULS)
> (For Smaller vehicles, not commercial vehicles) (Mar. 17, 1995)
> (If any changes that you know about.. E-mail--> folson@prairienet.org
> ==
> LEGAL LEGAL LEGAL-HAM
> RADAR MOBILE MOBILE
> UNITED STATES DETECTORS SCANNERS SCANNERS
> -------------------- --------- --------- ---------
> ALABAMA.............. YES...... YES...... YES......
> ALASKA............... YES...... YES...... YES......
> ARIZONA.............. YES...... YES...... YES......
> ARKANSAS............. YES...... YES...... YES......
> CALIFORNIA........... YES...... YES...... YES......
> COLORADO............. YES...... YES...... YES......
> CONNECTICUT.......... YES...... YES...... YES......
> DELAWARE............. YES...... YES...... YES......
> DIST. OF COLUMBIA.... NO ...... NO ...... NOT SURE
> FLORIDA.............. YES...... NO ...... YES......
> GEORGIA.............. YES...... YES...... YES......
> HAWAII............... YES...... YES...... YES......
> IDAHO................ YES...... YES...... YES......
> ILLINOIS............. YES...... YES...... YES......
> INDIANA.............. YES...... NO ...... YES......
> IOWA................. YES...... YES...... YES......
> KANSAS............... YES...... YES...... YES......
> KENTUCKY............. YES...... NO ...... NOT SURE
> LOUISIANA............ YES...... YES...... YES......
> MAINE................ YES...... YES...... YES......
> MARYLAND............. YES...... YES...... YES......
> MASSACHUSETTS........ YES...... YES...... YES......
> MICHIGAN............. YES...... NO ...... YES......
> MINNESOTA............ YES...... NO ...... YES......
> MISSISSIPPI.......... YES...... YES...... YES......
> MISSOURI............. YES...... YES...... YES......
> MONTANA.............. YES...... YES...... YES......
> NEBRASKA............. YES...... Y/N**.... NOT SURE
> NEW YORK............. YES...... YES...... YES......
> NEVADA............... YES...... YES...... YES......
> NEW HAMPSHIRE........ YES...... YES...... YES......
> NEW JERSEY........... YES...... YES...... YES......
> NEW MEXICO........... YES...... YES...... YES......

> NEW YORK..... YES..... NO ..... NOT SURE
> NORTH CAROLINA..... YES..... YES..... YES.....
> NORTH DAKOTA..... YES..... YES..... YES.....
> OHIO..... YES..... YES..... YES.....
> OKLAHOMA..... YES..... Y/N**.... NOT SURE
> OREGON..... YES..... YES..... YES.....
> PENNSYLVANIA..... YES..... YES..... YES.....
> RHODE ISLAND..... YES..... YES..... YES.....
> SOUTH CAROLINA..... YES..... YES..... YES.....
> SOUTH DAKOTA..... YES..... YES..... YES.....
> TENNESSEE..... YES..... YES..... YES.....
> TEXAS..... YES..... YES..... YES.....
> UTAH..... YES..... YES..... YES.....
> VERMONT..... YES..... Y/N**.... NOT SURE
> VIRGINIA..... NO ..... YES..... YES.....
> WASHINGTON..... YES..... YES..... YES.....
> WEST VIRGINIA..... YES..... Y/N**.... YES.....
> WISCONSIN..... YES..... YES..... YES.....
> WYOMING..... YES..... YES..... YES.....
>
> ==
> NOTE: If you know of any changes Please e-mail me direct
> so that I can update the chart and keep everyone
> posted. folson@prairienet.org
> --
> Fran Olson (WB9ULS) email:folson@prairienet.org
> P.O. Box 1122
> Champaign, Il. 61824-1122
> U.S.A.

I can't E-mail, so I will post this change here. In Florida it is
legal to carry a PORTABLE scanner in your car. It cannot be installed.
That means you cannot have it wired to your cars electrical system,
have an outside antenna mounted on your car, etc.

3522. Anyone knows prices at MarryMac?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 20:37:30 UTC
From: wired@genes.pl.my
Message-ID: <795472650.57snx@genes.pl.my>
Source record: 259943

How much does the PRO-23, PRO-25, PRO-51 and PRO-62 cost at MarryMac (or any other cheaper place)?

Second-hand?

3523. Re: 900 MHz Cordless

Newsgroup: rec.radio.scanner
Date: 1995-03-17 20:47:51 UTC
From: dstuart@saucer.cc.umr.edu
Message-ID: <3kcshn$sgj@hptemp1.cc.umr.edu>
Source record: 259941

```
: There are 900Mhx cordless phones that do not use spread-spectrum
: technology. These phones can be monitored. I don't think you
: can monitor a spread-spectrum phone with exsisting scanner
: technology.

What about using a spread spectrum decoder?

--
-- Dave Stuart
dstuart@umr.edu
```

3524. Re: Modifying RS PRO-2004

Newsgroup: rec.radio.scanner
Date: 1995-03-17 21:14:24 UTC
From: david.zapata@twisted.com
Message-ID: <382.144.617@twisted.com>
Source record: 259937

DO>Newsgroup: rec.radio.scanner
>I have a RS PRO-2004 and would like to do some mods. I have seen
>reference to several (memory chip change etc.) and would like
>some specific information. It there a good ftp site with this
>information or can somebody e-mail it to me?

DO>Try FTP://oak.oakland.edu/pub3/hamradio/mods/tandy for the mod files,
DO>I took a quick look and there are two files there (don't know what's in
DO>'um though).
DO>Later,
DO>Don Olsen

For those of you without FTP access, you can get a list of scanner
modifications by e-mailing "ftpmail@exchange.tlh.fl.us" and including in
the body of the message GET INDEX.TXT

* Wave Rider 1.10 [NR] *
... UNREGISTERED EVALUATION COPY
~~~ Blue Wave/RA

David Zapata
david.zapata@twisted.com
The Twisted Pair! (915)949-0721
West Texas Online Communications
San Angelo, Texas
~~~

3525. Re: CTCSS

Newsgroup: rec.radio.scanner
Date: 1995-03-17 21:15:35 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5LsDz.Krz@ssbunews.ih.att.com>
Source record: 259938
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3k8qkt$4cj@newsbf02.news.aol.com>,
CHAR ED <chared@aol.com> wrote:

>.... I see that Bearcat has a CTCSS board
>available for the 890XLT in the Grove catalog.
>1) Will it only work on the 890XLT, or can it be installed in our 855XLT?

I have a BC890XLT with one of those CTCSS boards.
The board is not compatible with the 855XLT.

>The April 95 PopComm says that it works fine in all Bearcats.

This is incorrect. Must be a typo or an over-generalization.

>I would appreciate any info/specs/advice anybody might have.
>Mail me at randall.hixson@pcflorida.com if possible. Thanks

Avoid the BC890XLT. It is too prone to images, overload, intermod,
and birdies. I recommend you get a BC9000XLT with the
optional CTCSS board -- a top quality setup.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3526. Re: 154.xxx MHz - who uses it?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 21:38:53 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D5LtGt.n3G@freenet.carleton.ca>
Source record: 259946

In a previous posting, Peter Bishop (esuvy@csv.warwick.ac.uk) writes:
> Who uses 154.xxx MHz frequencies?
>
As you didn't specify seach parameters... Over here in Ontario, Canada
153-156 is used by Fire departments, other areas use them for Police..
However I don't know what they are used for in the UK or EC

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

3527. How to find freqs on Motorola handhelds?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 21:45:41 UTC
From: gregjo@wordperfect.com
Message-ID: <gregjo-1703951445410001@pcgjohnson.orem.novell.com>
Source record: 259944

Where I work, they use some Motorola handhelds to communicate.
Our security, MIS, and sometimes janitors (!) use these radios. What
range should I search to try and find these? I only have a little info.
on the radios. They are Motorolas. They have the letters 'MTX' printed
on them. At the top there is a rotary dial, as well as an A-B-C toggle.
Does the A-B-C toggle indicate each radio can communicate on one of three
channels? (Someone once told me there are 11 frequencies allocated to our
company...maybe MIS for a few, security for a few, etc.)
Is there a common set of ranges for these types of radios? Or are they
programmable, so it's wide open.....?
Thanks.

3528. Re: Ever hear a bug on a scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 22:20:04 UTC
From: fd@wwa.com
Message-ID: <3kd1uk$6uo@news.wwa.com>
Source record: 259945

Gordon Mitchell (gordonlm@u.washington.edu) wrote:
: These days, one can buy bugs in local "spy shops". They are
: typically labeled as baby monitors or wireless mikes for performers.
: Really they are intended to be planted to illegally gather information on
: competitors (commercial or otherwise).

: They transmit in the commercial FM band (cheap ones), around 300 MHz
: (expensive ones), or up to 10 GHz (very expensive ones).

: Have you ever heard one? I suspect that with bunches of these devices
: being sold they can be picked up once in a while on a scanner. My reason
: for asking is an interest in working with some folks doing sweeps for bugs
: and I suspect that people with scanners have had some interesting experiences
: to pass on.

I've heard local police and FBI body wires... In fact, on one occassion,
I head the local police talking about me on their body-wires and detective
frequency... they had a lot to say at first... but when they noticed the ear
phone... they switched to a state police frequency and remained especially
quiet...
--

Glen L. Roberts, Editor, Full Disclosure
Host Full Disclosure Live (WWCR 5,065 khz - Sundays 7pm central)
email postal address to fd@wwa.com for catalog on privacy & surveillance.
Does 10555-1-708-356-9646 give you an "ANI" readback? With name?

3529. Re: Dayton Ham/Computer Fest

Newsgroup: rec.radio.scanner
Date: 1995-03-17 23:37:22 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <D5Mqrz.A0n@utnetw.utoledo.edu>
Source record: 259881

mwhite@mitre.org (Michael White) writes:
>Dick Williamms wrote:
>
>> ...I have been looking at the Radio Shack Pro 43 & 62, but I have been holding
>> off thinking that I will get a better deal in a scanner at this
>> fest. Does one most generally find good deals at these fests?
>
>No. Dayton is a very large hamfest, probably the largest in the world.
>However, prices are always top-dollar. I guess sellers figure that if
>buyers came all the way to Dayton, they *really* want to buy. Go, enjoy,
>have a good time, but don't expect to find any bargains.

I purchased an HT (new) last year at the Dayton Hamfest and found the price was
better than any mailorder firm for several months afterwards.

While I agree that some prices are 'top dollar', not necessarily everything is
more expensive there. Many dealers have specials running and will actually
compete with each other.

I'd go to Dayton even if I had no intention of buying anything. It is truly
amazing to see the amount of radio equipment and operators there. Many new
products are released at Dayton and you usually are able to play with them!

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu
n8zrp@wsu1.n8fow.ampr.org
n8zrp@n8pdk.ampr.org
Packet : n8zrp@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
n8zrp@w8hhf.#tol.oh.usa.na (Home Mailbox)

3530. Re: Standard Radio Users?

Newsgroup: rec.radio.scanner
Date: 1995-03-17 23:49:55 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <D5MrCr.A1L@utnetw.utoledo.edu>
Source record: 259882

>>Yes! I cant believe it! I thought that I was the only one with that
>>thing. I cant find anyone else out there that has one, or knows of where
>>in the world I cant get the modification docs on that thing. I have uses
>>for it ouside the ham bands to xmit on it, (legal uses by the way)
>
>>I wonder just what your "LEGAL" uses are for an amateur handheld, as it is not
>type accepted for ANY other service..... It is illegal to use in any other
>service in the U.S. that I know of. Please advise.

How about MARS or CAP?

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu
n8zrp@wsu1.n8fow.ampr.org
n8zrp@n8pdk.ampr.org
Packet : n8zrp@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
n8zrp@w8hhf.#tol.oh.usa.na (Home Mailbox)

3531. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-17 23:59:08 UTC
From: Bill McCall <70003.4300@CompuServe.COM>
Message-ID: <3kd7oc$qa3$1@mhadf.production.compuserve.com>
Source record: 259947

bbaker@csn.net (Ben Baker) writes:
>
> Lately I have been hearing that some airlines are allowing
scanners to be used while in flight as long as it is not used
within 10 minutes of takeoff or landing.
Has anyone heard of this and if so, what airlines permit this?
Thanx
>
Ben
> bbaker@csn.net

I just got back from a round trip from Columbus to LA. I went out
on United via Chicago and back on America West through Las Vegas
and on each flight the speach was "Please discontinue the use of
all electronic items for the first and last 10 minutes of the
flight. They didn't say anything about my scanner.

Bill

--
Clowns to the left of me, Jokers to the right, here I am stuck in
the Internet with you!

Email:70003.4300@compuserve.com or w.mccall@csi.compuserve.com

3532. Re: Freqs needed for SLC, Utah

Newsgroup: rec.radio.scanner
Date: 1995-03-18 00:24:05 UTC
From: cremer@delphi.com
Message-ID: <9503171909591.DLITE.cremer@delphi.com>
Source record: 259879
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>Can anyone send me via E-Mail some interesting freqs for Salt
>Lake City, UTAH?? I will be there on friday.
>Thanx in advance.
>

I'll be going there in a couple of months myself. So I second this
request for info. Thanx.

3533. STORES IN CANADA!!!!! 800 MHz!!!!!!!!!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-18 00:27:41 UTC
From: Garth Knight <gk124049@cpe.un.com>
Message-ID: <3kd9dt$ol5@decaxp.harvard.edu>
Source record: 259951

I'm sitting here fanning my balls.

3534. Re: How to find freqs on Motorola handhelds?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 00:28:39 UTC
From: sclarkp@aol.com
Message-ID: <3kd9fn$v5@newsbf02.news.aol.com>
Source record: 259950

Greg,

Sounds like the radios are synthesized. The MTSX series is fairly new, and is programmable to the extend that they don't even label the programmable buttons (because you can set them to do almost anything like scan, low pwr, monitor, Tx PL Strip, etc.) You won't be able to determine the exact radio frequency from the outside. You need a computer.

HOWEVER, if you are looking to monitor the transmissions on a scanner, you can determine the band by the radio (antenna length), and then scan the blocks of freqs assigned to the general business class within the band. For example, if the radios were UHF, I would first try scanning in the 460-470 range. I'm not clear on the business bands for VHF Hi-band or 800/900.

Good Luck.

3535. Re: San Fran/Oakland CA freqs wanted...

Newsgroup: rec.radio.scanner
Date: 1995-03-18 01:34:19 UTC
From: joewo@aol.com
Message-ID: <3kddar$1vq@newsbf02.news.aol.com>
Source record: 259952

Dick:
I saw your post re: the Environet scanner section and i was wondering if there were any files for the Chico/Redding/Yuba City area?? Is it a stetwide BBS??? And is it free??? Thanks !!! JoeWo@aol.com

3536. Trunking

Newsgroup: rec.radio.scanner
Date: 1995-03-18 02:14:34 UTC
From: armadillo1@aol.com
Message-ID: <3kdfma$2ji@newsbf02.news.aol.com>
Source record: 259953

Does anyone know anything about the LTR protocol- I believe it's from GE.

I'm asking for a friend, so any information from beginner to technical would be apprectiated.

Thanks!

3537. Re: BC200LXT Memory Erase Key Sequence?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 02:16:27 UTC
From: walleye@cml.com
Message-ID: <3kdfpr$r6e@news.compulink.com>
Source record: 259955

Kent C. Brodie (kcb@post.its.mcw.edu) wrote:
: Michael Cole (Michael_Cole@hp6650.desk.hp.com) wrote:
: : Does anyone have the memory reset key sequence for the Bearcat 200LXT?

: I don't know how to totally wipe out all of the memory, escept for
: individually deleting the freqs as you go. Otherwise, remove the battery
: and leave it disconnected for 3 days. :-)

: > In addition, does anyone know of a way to instantly remove all channel
: >lockouts at once for this same radio? I've seen reference to
: >this undocumented feature on other scanners and
: >was wondering if it also would work for the Bearcat. Thanks for any
: >info. you can provide!

: this *IS* documented in the book that comes with the scanner:

: press and *HOLD* the L/O (lockout) button until you hear the
: TWO-BEEP confirmation. (just like the keyboard lock button works).

: Important note: this only erases the lockout on all of the *SELECTED*
: channel banks.

: Thus, to wipe out all lockouts, go into scan mode, enable ALL banks,
: then hit lockout, and hold it until you hear two beeps.

RESET COMMANDS; with the radio off - press & hold 2, 9, & MANUAL,
then turn the radio back on. all channels should
be reset to 000.000

walleye@cml.com

: ComputerLink Online Inc. Realms of Despair! :
: (416)233-5410, 192 lines telnet mud.compulink.com 4000 :
: T1 bandwidth, 300-28,800 bps endless medieval enjoyment! :
: :
: Join our International Teleconference --> chat.compulink.com 9000 :

3538. NASCAR Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 02:17:17 UTC
From: dstark5@aol.com
Message-ID: <3kdfrd$2kd@newsbf02.news.aol.com>
Source record: 259954

Can someone please post or e-mail me the freq. for the NASCAR teams?

Dave
dstark5@aol.com

3539. Amiga -> Scanner ??

Newsgroup: rec.radio.scanner
Date: 1995-03-18 04:18:59 UTC
From: az342@FreeNet.Carleton.CA
Message-ID: <D5MBzn.Ip8@freenet.carleton.ca>
Source record: 259956

I have seen a lot of posts regarding attatching scanners to various
I.B.M. computers and clones.

I am wondering if there is such software for
the Amiga computer??

Possibly someone in the U.K. might be able to help me since there are
more Amiga users there

I currently have a couple of audio digitizers, so I Would think that
this software would use the same hardware. possibly?

Any help would be appreciated. (E-MAIL is fine, or post it)

THANKS

--
****
"Huukd on foniks wourked fer me!!"
-R. Edmunds (az342@Freenet.Carleton.Ca)
****

3540. Re: Stanford (Palo Alto) Police Channel 4

Newsgroup: rec.radio.scanner
Date: 1995-03-18 05:18:47 UTC
From: droy@netcom.com
Message-ID: <droyD5MErC.9D2@netcom.com>
Source record: 259957

michael murray (mmm@leland.Stanford.EDU) wrote:
: Just recently, the Stanford Police have been switching to Channel 4 to
: discuss things. They used to use Channel 3 (483.3375) for this.

: Does anyone know what the frequency for this new channel is?

: Channel 1 is 482.6125.
: Channel 2 is 482.8125.

You might try 483.5625 or they may use Palo Alto Chl-4 482.7875
Dave
--
To know me is to really love me-

Dave Roy (1947-)

3541. Re: Rat Shack Ripoff

Newsgroup: rec.radio.scanner
Date: 1995-03-18 05:30:39 UTC
From: droy@netcom.com
Message-ID: <droyD5MFB4.AMI@netcom.com>
Source record: 259958
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Gerald Schmitt (ggs@aerie.lanl.gov) wrote:

: I bought a 2006 a while back on the "no interest
: no payment for 6 months" plan.
: On the monthly statement interest kept appearing.

: way. You got a few bucks you lost a good customer. Adios

I got the Frequency Counter with this plan and took the entire time to pay it off. NO problem.

I would call a store near you and get the district managers number, call them and if you get the run around ask for THIER supervisor. I have seldom had to go up much higher than two levels of management to get my bitch heard.

Don't let them pull anything over on you. We spend LOTS of tax dollars on consumer law. DEMAND an accounting to your satisfaction.

Dave

--
To know me is to really love me-

Dave Roy (1947-)

3542. Re: 800-900 Mhz prob on Pro-46

Newsgroup: rec.radio.scanner
Date: 1995-03-18 06:16:09 UTC
From: higgs@ibm.net
Message-ID: <3kdtr9$r6g@news-s01.ny.us.ibm.net>
Source record: 259962
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <3k6td6$hmr@sndsu1.sedalia.sinet.slb.com>, wilkinso@cambridge.scr.slb.com (Si Wilkinson) writes:
>Hi all.
>I may be reiterating a previous post by somebody here, but what the hell. I'm having a problem trying to open up the 800-900 Mhz freqs. on my pro-46. Although I followed the pro46mod on modifying the scanner to supposedly pick up these frequencies, movi
>ng these IC jumpers doesn't seem to have done anything. Someone said something on here about later models being a more complex modification? The badge on my model is '5A3'. PLEASE could someone tell what I'm doing wrong or what I can do to access thes
>e f
>reqs., if anything?
>

I highly reccomend an outfit in Mass to repair your unit. They can tell you the exact situation with your over the phone by the serial number. I have used them several times. call 508-768-7486

3543. Re: Beartracker w/ alert

Newsgroup: rec.radio.scanner
Date: 1995-03-18 06:34:00 UTC
From: <>
Message-ID: <8A5B05E.01F4000064.uuout@firstdue.uu.holonet.net>
Source record: 259959

```
Path: holonet!colossus.holonet.net!agate!howland.reston.ans.net!news.sprintlink.net!psgrai
n!agora!agora.rdrop.com!stavros
From: stavros@agora.rdrop.com (Steve Culliton)
Subject: Re: Beartracker w/ alert light
Sender: news@agora.rdrop.com (USENET News)
Nntp-Posting-Host: agora.rdrop.com
Organization: RainDrop Laboratories
Message-ID: <D5M4Cw.5nx@agora.rdrop.com>
References: <3k0jt9$3ij@metroux.metrobbs.com> <3k376k$1qh@westnet.westnet.com>
Date: Sat, 18 Mar 1995 01:34:08 GMT
Lines: 34

In article <3k376k$1qh@westnet.westnet.com>,
Roger Pettengill <rogerp@westnet.com> wrote:
>In article <3k0jt9$3ij@metroux.metrobbs.com>, cadsuper@big12.metrobbs.com
>says...
>>
>>Anyone familiar with the beartracker from Uniden?
>
>The freq it uses to trigger the alert light is used by the mobile
>extender (a mini-repeater used only between the patrol car and the
>officer's portable radio).
>
>Two very important things the Beartracker ads don't tell you:
>
>1. The mobile extender is on ONLY when the officer is OUT OF THE CAR.
>Therefore, (A) if he's sitting in his car watching the readout on his
>radar unit as you came barrel-assing over the hill, the mobile extender
>is not on and the Beartracker ain't gonna save your ass no way, no how,
>(B) if he's out of his car using his portable it means he's busy with
>something/someone else and probably not interested in you, anyway.
>
>2. Not all states have mobile extenders in their patrol cars.
>
>The bottom line on the Beartracker is: buy a real scanner and the latest
>edition of Monitor Amercia.
>
I'm not sure what you mean about a real scanner... If the extender isn't
on, or he's not transmitting, how will a "real scanner" make any
difference?

TTFN

-Steven
```

- Cam-Mail v1.40:

3544. Re: ANNOUNCE: WWW Freq Database

Newsgroup: rec.radio.scanner
Date: 1995-03-18 06:56:19 UTC
From: Guest@Nowhere.com
Message-ID: <3ke0es$6k9@desiree.teleport.com>
Source record: 259961
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3kal1m$apr@interport.net>,
martyf@interport.net (Martin T. Focazio) wrote:
>Hey guys & gals.
>
>I own a company that does Internet publishing services, and I have been a
>bit of a scanner fan for a while. Since I have the server, I figured why
>not put together a single source, kind of like Yahoo, for frequency
>information. I'm not interested in modification files or anything like
>that. Just basic listings of the frequencies in your town, provence,
>country, whatever. No flashy graphics or search engines.
>The web site is operational, however, it dosen't have a bunch of
>frequencies in it yet. I live in New York City, so I'll put what I've
>got up and it's up to you all to make it work.

I don't mean to play Devil's Advocate here, but you really never said what
you were going to do with the data. Are you going to post all the information
you receive on your free public web site? You could just as easily gather a
huge database of heard frequencies and the sell it or allow access only to
subscribers... Just had to throw that in, I look forward to seeing the site
and the opportunity to add my Portland, Oregon collection...

73's
Randy
KB7TRI
KFL4AN
KAVP1168 (No longer valid of course!)

3545. Re: San Fran/Oakland CA freqs wanted...

Newsgroup: rec.radio.scanner
Date: 1995-03-18 07:32:45 UTC
From: timscanit@aol.com
Message-ID: <3ke2at$7gs@newsbf02.news.aol.com>
Source record: 259960

I saved this a while back...glad I did!
Oakland city is on trunk in the 800'sm good luck
CHP is in 42 to 43 .... 42.92 and 154.904 will get you started.
Have a great time

From: msattler@netcom.com (Michael Sattler)
Subject: SF PD miscellany
Date: Tue, 15 Mar 1994 06:50:05 GMT

The following information was received today (13 Mar 94) via
FAX from the San Francisco Police Department Communications
section. All errors are my own.

Police stations:
A - Central
B - Southern
C - Potrero
D - Mission
E - Northern
F - Park
G - Richmond
H - Ingleside
I - Taraval
J - Tenderloin Task Force

Police Frequencies:
PIC #1 460.225 G, H, I
PIC #2 460.125 C, D
PIC #3 460.500 A, B, J
PIC #4 460.075 E, F
PIC #5 460.450 tow desk
PIC #6 460.350 admin
PIC #7 460.525 PT&T (Parking, Traffic & Tickets)
PIC #8 460.550 traffic, MUNI, narcs, vice
PIC #9 460.025 RCLEMARSS

Note: portable UHF radios transmit 5 mhz higher on all duplex
frequencies (PIC #1 through #9)

Police Unit Designators:
1 - administrative
2 - technical services
3 - patrol
4 - special operations

5 - investigations

Units are referred to as R[designator][station][sector],S as
in 3B40.

San Francisco Police Department
Radio Code
FCC callsign: KMA438
doc. ver. SFPD 2 (8/86)

--
NOTES:

1) Radio Code Modifiers
a) RED - felony want or record
b) X - female subject
c) J - juvenile subject

2) Location must be specified by units for the following codes:
10-7, 10-8F, 10-28, 10-29, 10-96, 10-98, 406, 407, 408,
409, 531, 585

3) Units are considered 10-8 while on the following:
527, 585, 587, 596, 901, 902, 904, 905

4) * denotes a new radio code, or one whose meaning has changed
since the last revision.
--

Code 3 * emergency response
Code 4 no further asst. req'd. - specify reason
Code 33 clear channel for emergency
10-1 receiving poorly
10-2 receiving well
10-4 message rec'd.
10-7A * out of service (administrative)
10-7B * out of service (beginning of watch)
10-7C * out of service (court)
10-7E * out of service (end of watch)
10-7F * out of service (follow-up)
10-7G * out of service (gas/garage)
10-7I * out of service (investigation)
10-7M * out of service (meal)
10-7R * out of service (radio shop/range)
10-7S * out of service (station)
10-7T * out of service (traffic control/training)
10-8 in service
10-8F in service (foot patrol)
10-9 repeat last message
10-13 advise condition at scene
10-20 location
10-22 cancel

10-23 standby temporarily
10-25 * respond as back-up (specify units & codes)
10-28 vehicle registration info.
10-29 warrant and record check
10-30 wanted person or vehicle
10-31 person has arrest record
10-32 person or vehicle not wanted
10-34 confidential info. follows
10-35 consent to search
10-36 emergeny notification
10-43 * Intelligence Div. interested
10-96 undercover surveilance area - marked units keep out
10-97 arrived at scene
10-98 enroute to new location, present assignment
100 alarm (silent or audible)
148 * resisting arrest
152 * drunk driver
187 * homicide
207 * kidnapping
211 robbery
212 strongarm robbery
213 purse snatch
216 * shots fired
217 shooting
219 stabbing/cutting
221 person with gun
222 person with knife
240 assault/battery
245 * aggravated assault/ADW
261 sexual assault/rape
288 sexual assault, victim under 15 y/o
311 indecent exposure
400 demonstration/pickets
404 riot
405 citizens holding prisoner
406 * officer need emergency help
407 * prisoner transport
408 ambulance
409 tow-truck
410 requested assistance responding
415 noise complaint
416 * citizen standby
417 person ringing doorbells
418 * fight or dispute, no weapons
419 * fight with weapons, specify
420 juvenile disturbance
459 burglary
470 * fraud
487 grand theft
488 petty theft

```
496 * stolen property receiving
518 veh. accident, non-injury
519 veh. accident with injury
520 * aided case
527 bonfire
528 fire
529 explosion
530 bomb threat
531 suspected explosive device found
585 traffic stop
587 parking violation
588 * driveway violation - tow
594 * malicious mischief (vandalism)
595 * malicious mischief (grafitti)
596 abandoned vehicle
600 roadblock
601 * trespassers
602 person breaking in
603 prowler
647B * prostitute
650 * threats
799 senile person
800 mentally-disturbed person
801 person attempting suicide
802 coroner's case
806 juvenile beyond parental control
807 missing juvenile
809 missing person
811 intoxicated person
819 rolling of intoxicated person
851 stolen vehicle
852 auto boost/strip
853 recovered stolen vehicle
901 call station (or other location)
902 return to station
904 * meet with officer, non-emergency
905 * meet with City or public service empl.
909 citizen requests interview
910 check on well-being
911 broken window
912 person dumping rubbish
913 complaint unknown
914 person down
916 suspicious person in vehicle
917 suspicious person
918 person screaming for help
5150 * mental-health detention
------------------------------------------------------------
```

Police:
Low Band: 45.10 (2nd division: Mission, Ingleside, Taraval)
45.14 (Citywide)
45.58 (1st division: Potrero, Park, Northern)
45.46 (3rd division: Richmond)

UHF: 460.225 (Zone 1: Mission, Ingleside, Park, Trarval)
460.125 (Zone 2: Potrero)
460.500 (Zone 3: Central, Southern)
460.075 (Zone 4: Northern, Park, Richmond)
460.350 (Zone 5: Tows)
460.535 (Zone 6: Tactical)
460.525 (Zone 7: Special operations, transit)
460.550 (Zone 8: Administration)
460.025 (CLEMARS, mutual aid, task force, gangs)

Note: The lowband frequencies are used by patrol car radios. The UHF frequencies are called PIC channels, Personal Instant Communications, and are
used by portables.

Fire: F1 - 488.3625 (division 1 downtown)
F2 - 488.5625 (division 2 northwest)
F3 - 488.7625 (division 3 northeast, southwest)
F4 - 489.1625 (primary fireground)
F5 - 489.1875 (arson squad, admin, fireground secondary)
F6 - 489.1125 (citywide emergency)

154.280 (mutual aid)
154.295 (BART)
489.1625 (BART, link to Oakland FD)

EMS: Dispatch - 155.385 (primary), 158.760 (secondary)
Coord 1 - 462.950 (MED 9)
Coord 2 - 462.975 (Med 10)
EMS also used Med channels 1-8 referred to as "MEDCOMM"

Transit:
Channel A - 484.6625 (cable cars, light rail)
B - 484.5125 (cable cars, trollies)
C - 484.5625 (citywide)
D - 484.6125 (trollies)
E - 484.7125 (buses, trollies)
F - 484.7625 (citywide)
G - 482.8875 (buses, trollies)
F4 - 30.74 (bus supervisors)
- 31.14 (inspectors, also 30.74)

BART: F1 - 160.410 (control) F1 - 453.150 (police)
F2 - 160.860 (admin) F2 - 453.425 (police)
F3 - 160.455 (safety)

Moscone Convention Center:
Operations - 461.700, 461.975, 462.0875

Candlestick Park - 151.805, 151.775, 153.875

Coast Guard:
Port operations - 156.600
Navigation Control - 156.650
SF Bay Patrol - 157.050
Operations - 157.100
Law enforcement - 164.550, 164.9125, 353.900
Tactical - 165.3375, 165.5625
Search & Rescue - 237.900
Air operations - 381.400, 381.700, 381.800 (primary)

Port of San Francisco - 453.2625, 464.4625, 861-865.9375

Golden Gate National Recreation Area:
Rangers - 164.800
Park Police - 163.150, 163.525
Fish & Wildlife - 164.800, 408.675

3546. alfanumeric scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-18 09:45:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <999_9503181929@chigate.fidonet.org>
Source record: 259910

-=> Quoting Harald@vestnett.no to All <=-

Ha> I am looking for an alfanumeric scanner. Is there anyone out there
Ha> who can tell me any good solution and perhaps some prices?

Hi, Harald...

Well, there are several...though only Uniden makes them, I believe.
(Maybe AOR, but no knowledge of them.) The 8500 and 9000 XLT units are
base scanners and have the ability to put alphanumeric characters in 250 of
the 500 channels available. They run approx. $400 give or take. If you
decide on one of these, get the 9000. Too many problems with the 8500 and
the bugs were worked out in the 9000 version.

Jerry

___ Blue Wave/QWK v2.12

3547. Pro39 crafty tricks

Newsgroup: rec.radio.scanner
Date: 1995-03-18 09:45:55 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6891@rook.ukc.ac.uk>
Source record: 259964

Are there any tricks on the Pro39 to allow 12.5kHz channel spacing
in 68-88 or 137-174, or perhaps more importantly to permit AM reception
in these areas?

Easy things like test modes obtained by pressing buttons are what I
am after.

Are there any test modes at all??

3548. Columbus, OH Police frequ

Newsgroup: rec.radio.scanner
Date: 1995-03-18 09:50:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <99a_9503181929@chigate.fidonet.org>
Source record: 259909

-=> Quoting Username@osu.edu to All <=-

Us> If anyone out there has the frequencies for the Police Department in
Us> Columbus Ohio it would be greatly appreciated if you would pass them
Us> on.

I don't have any freqs for Columbus, but I can give you a tip. There is an organization called ALL OHIO SCANNER CLUB. I believe they may have a BBS, though I don't know what their number would be. A BBS here (since dismantled) used to carry their messages here in Chicago.

Jerry

___ Blue Wave/QWK v2.12

3549. pro-2032:cellular mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 09:55:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <99b_9503181930@chigate.fidonet.org>
Source record: 259908

-=> Quoting Gh598@cleveland.freenet.e to All <=-

Gh> can anyone tell me the mod to restore the cells on a pro-2032?
Gh> thanks!

While there is a mod to do the 2032, it is a bear to do. I have a bit
map file and instructions to do the mod, however. If interested, E-mail
via Internet to...73747.2143@compuserve.com

Jerry Smith

___ Blue Wave/QWK v2.12

3550. Mods for Bearcat sc-150B?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 10:07:28 UTC
From: loco854795@aol.com
Message-ID: <3kebd0$8ci@newsbf02.news.aol.com>
Source record: 259963

Does anyone know if any mods exist for the sportcat models? Please e-mail if so.

Thank You,

3551. aor-2515

Newsgroup: rec.radio.scanner
Date: 1995-03-18 10:09:06 UTC
From: writer@netcom.com
Message-ID: <writerD5Ms76.L8K@netcom.com>
Source record: 259965

what does an AOR-2515 (comms receiver 5-1500 MHz) go for these days with pc software and computer cable? willing to part with it if the price is right.
writer@netcom.com
--

O
</< Jeff (Runner) Los Angeles, California
\/\ writer@netcom.com U.S.A.
_______/_____________

3552. Re: Oakland Co. Mich.

Newsgroup: rec.radio.scanner
Date: 1995-03-18 10:14:46 UTC
From: lauzonr@oeonline.com
Message-ID: <D5MsGn.LvE@oeonline.com>
Source record: 259968

Jeffrey G. Smith (JGSmith@detroit.freenet.org) wrote:

: I'd love to get a list of good frequencies for the Oakland County
: Michigan area. (I live in Rochester Hills).

Pick up the Radio Shack Police Call book at your local Radio Shack.

The Freqs are there.

3553. Re: Rat Shack Ripoff

Newsgroup: rec.radio.scanner
Date: 1995-03-18 11:15:33 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-1803950614460001@alexander.terranet.com>
Source record: 259967
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

> I would call a store near you and get the district managers number, call
> them and if you get the run around ask for THIER supervisor. I have
> seldom had to go up much higher than two levels of management to get my
> bitch heard.
>
> Don't let them pull anything over on you. We spend LOTS of tax
> dollars on consumer law. DEMAND an accounting to your satisfaction.

There's a lot to complain about when it comes to Rat Shack but I've never had a problem returning stuff or getting a complaint resolved. I'd call the store manager and then his boss--I'me sure you'll get satisfaction.

--
Michael Alexander

3554. Re: Police status codes

Newsgroup: rec.radio.scanner
Date: 1995-03-18 11:18:06 UTC
From: dg715@cleveland.Freenet.Edu
Message-ID: <3kefhf$9i8@usenet.INS.CWRU.Edu>
Source record: 259966

There aren't any standard police codes used on radio. Each department can make up its own codes. There are some codes that seem to be used by many departments but, as explained in previous postings, even jurisdictions that share common borders may use the same code phrases to mean different things. For example, at one department where I worked, a 10-99 meant an outstanding warrant had been issued. Across the street, 10-99 meant a bank escort.

Many departments use codes and signals. Generally, a code is a course of action and a signal is a set of circumstances.
Of course, nothing's written in stone.
--
(DAVID MARK) dg715@cleveland.freenet.edu

3555. Re: Shadow Traffic NYC Area

Newsgroup: rec.radio.scanner
Date: 1995-03-18 11:33:27 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <795526407.165snx@n2ayj.overleaf.com>
Source record: 259971

In article <3kame4$dl4@newsbf02.news.aol.com> mjanacek@aol.com writes:
>
>I'm looking for freqs that Shadow Traffic uses in the NYC tri-state area.

Their NJ frequency between cars and ops is 453.000.

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com

3556. Digital Spread Spectrum

Newsgroup: rec.radio.scanner
Date: 1995-03-18 12:13:05 UTC
From: pgunn <pgunn@earthlight.co.nz>
Message-ID: <3keioh$usj@celebrian.otago.ac.nz>
Source record: 259969

I was discussing this with someone the other day, and he told me that the in Europe ppl had been moving to spread spectrum for a while and they had discovered something interesting about having lots of users using it.

He claimed that although the level from anyone transmitter (in this case phones) was small, and below the background, the cumulative effect of having 000s of users in a given area was such that the phones could fail. There is a critical number of users, above which all in that area fail. Eg 400 users fine, 401, all in area die.

Any comments?

3557. Modification for Netset Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-18 12:33:38 UTC
From: julesulo@sydney.DIALix.oz.au
Message-ID: <3kejv2$l3h$1@sydney.DIALix.oz.au>
Source record: 259970

can anyone help me with a modification for a Netset Pro 2032 (Realistic)
Scanner that will extend the number of channels from 200 to 300.
Thanks.................. Julien

--

Julien Suleau <julesulo@sydney.dialix.oz.au>
The Oaks, NSW, Australia
BusPh: 61 15 439 590

3558. What do you think of the BC200XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 13:01:52 UTC
From: wired@genes.pl.my
Message-ID: <795531712.59snx@genes.pl.my>
Source record: 259876

Any good?

3559. Toronto Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-18 13:09:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <4d0_9503182243@tor250.org>
Source record: 259893

DV>From: dv@gold.interlog.com (Dimitra Verris)
DV>Newsgroups: rec.radio.scanner
DV>Subject: Toronto Freqs
DV>Date: 14 Mar 1995 16:21:36 GMT
DV>Organization: Interlog Internet Services -Voice (416) 975-2655 -Data
515-141
DV>Lines: 4
DV>Message-Id: <3k4fqh$ri2@steel.interlog.com>
DV>Nntp-Posting-Host: gold.interlog.com
DV>X-Newsreader: TIN [version 1.2 PL2]

DV>I'm looking for up-to-date frequencies for York Regional Police, MTP,
DV>York Fire and North York Fire. They have moved to 800 Mhz and the latest
DV>Haruteq is quite old. Direct emails would be appreciated.

Try scanning 860-864.00 and 857.4125, and 857.1625. as for york region
866,867, 868. 1375

866,867, 868. 2625

866, 867, 868. 4375

866,867, 868. 6375

866,867, 868. 7625

866,867, 868. 9125

and NY fire 866, 867 .2625
866, 867 .7625
867.7875

Dan

---
* SLMR 2.1 * New Mail NOT Found: Start Whine/Pout Sequence? [Y/N] 8-(
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.

3560. Question to all about scanning

Newsgroup: rec.radio.scanner
Date: 1995-03-18 13:10:01 UTC
From: cforrest@netaccess.on.ca
Message-ID: <3kem39$pim@alpha.netaccess.on.ca>
Source record: 259889

Hi everyone,

I am an experienced shortwave listener and have never had a scanner. I'm curious, but I don't really know what I would be getting. I'd really appreciate the input of some people on this newsgroup who have experience with scanning. What sort of things can I expect to pick up with a scanner? I understand there are a lot of unility stations like police and fire, and also some Hams on 2 metres, but what else is out there on scanners? The scanner I am thinking of getting is an RS 2030. The range is from 30 - 960 MHz. I live in the Southern Ontario region.

I would really appreciate your help.

If any of you have any questions about SW stations or which portable SW receiver to buy, I have a fair bit of experience, so could help you out.

--chris forrest

3561. Re: SCANNER LAW (CHART)

Newsgroup: rec.radio.scanner
Date: 1995-03-18 13:11:14 UTC
From: davidm@iglou.com
Message-ID: <oljQlK7gXPGJ079yn@iglou.com>
Source record: 259878

In article <1995Mar17.153636.1@tardis.mdcorp.ksc.nasa.gov>,
operator@tardis.mdcorp.ksc.nasa.gov wrote:

> I can't E-mail, so I will post this change here. In Florida it is
> legal to carry a PORTABLE scanner in your car. It cannot be installed.
> That means you cannot have it wired to your cars electrical system,
> have an outside antenna mounted on your car, etc.

Unless you have a valid ham license. If you are a licensed ham, Florida's
law exempts you from any restrictions. FS 843.16 paragraph 3 if anyone wants
to look it up.

David KD4RMW
davidm@iglou.com

3562. Re: SCANNER LAW (chart)

Newsgroup: rec.radio.scanner
Date: 1995-03-18 13:14:33 UTC
From: davidm@iglou.com
Message-ID: <vojQlK7gXDA0079yn@iglou.com>
Source record: 259877

In article <3kbupl$bn9@vixen.cso.uiuc.edu>,
folson@prairienet.org (Fran Olson) wrote:

> LEGAL LEGAL LEGAL-HAM
> RADAR MOBILE MOBILE
> UNITED STATES DETECTORS SCANNERS SCANNERS
> -------------------- --------- --------- ---------
> DIST. OF COLUMBIA.... NO ..... NO ..... NOT SURE

Not sure on this one myself, if anyone knows this one I'd like to know the
answer myself.

> KENTUCKY..... YES..... NO ..... NOT SURE
> NEBRASKA..... YES..... Y/N**.... NOT SURE
> NEW YORK..... YES..... NO ..... NOT SURE
> OKLAHOMA..... YES..... Y/N**.... NOT SURE
> VERMONT..... YES..... Y/N**.... NOT SURE

For all of these the answer is "yes" as of 1992. Kentucky was the last to
exempt hams. Please note though, that atleast one state (and I'm sorry to
say that off the top of my head I can't remember which one) only exempts hams
with a license of Technician or higher. If you only hold a Novice license,
you're not exempt in that particular state. If no one posts the name of the
winning state before Monday, I'll try to look it up during the coming week.

And incidently, nice chart, thanks for posting it!

David KD4RMW
davidm@iglou.com

3563. WANTED: Icom R-1 or R-100

Newsgroup: rec.radio.scanner
Date: 1995-03-18 13:26:41 UTC
From: domonkos@access.digex.net
Message-ID: <3ken2h$200@news1.digex.net>
Source record: 259972

Looking for R-1 or R-100 in excellent condition. E-mail please.
Thanks.

Andy

3564. Re: Why have gaps in legal ranges?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 15:23:44 UTC
From: schuster@panix.com
Message-ID: <3ketu0$17t@panix3.panix.com>
Source record: 259880

In article <3k2vio$bhe@marlin.ssnet.com>, cg1@ssnet.com <cg1@ssnet.com> wrote:
>O.K., I understand why manufacturers take the time to put in
>frequency gaps wherever there are legal implications, but why
>spend the time/money to put in gaps where there are no legality
>issues.
>
>Lets say a scanner manufacturer wants to cover from 1Mhz up to
>1Ghz - block out cellular, cordless, or whatever - fine. Why
>block out AM, FM, TV, CB, and whatever else may fall in range?
>I'd love to be able to carry one device on vacation that doubles or
>"quads" as a regular scanner, radio, CB receiver (for hearing about
>traffic conditions, etc), and the audio track of my favorite show
>which I might otherwise miss out on, etc. etc.

Several possibilities come to mind; I'm sure others will find more:

1. The RF circuitry has poor (or no) sensitivity in that range, or the PLL
is incapable of locking in that range at all.
2. The set is engineered so that all the birdies fall in that range,
making it unuseable for reception.
3. Covering that range would require the inclusion of demodulation and
bandwidths the receiver is not designed for (e.g. wide FM)
4. The frequency range may be illegal in another country in which the
radio is marketed, and the manufacturer didn't bother to write the
firmware in such a way that some frequency ranges are optional.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3565. Regency M100 Scanner info needed

Newsgroup: rec.radio.scanner
Date: 1995-03-18 15:58:43 UTC
From: michaelx@leland.stanford.edu
Message-ID: <michaelx.6.000FFAFE@leland.stanford.edu>
Source record: 259898

Does anybody have the instructions or can point me to a site with instructions for the Regency Touch M100 scanner. This is a 10 channel scanner from a police car that I use for local police (I have two other scanners for other use). I would appreciate any information about the operation of this radio, it was purchased at a ham flea market for $35 and still works fine but, alas, no operation manual (or mods).

Michael

3566. new mexico scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-18 16:58:05 UTC
From: ttenniso@freenet.edmonton.ab.ca
Message-ID: <3kf3et$kuu@news.sas.ab.ca>
Source record: 259883

[No readable article body recovered]

3567. Re: What do you think of the BC200XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 17:07:42 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-1803951206540001@alexander.terranet.com>
Source record: 259885

In article <795531712.59snx@genes.pl.my>, wired@genes.pl.my (Eugene Kang) wrote:

> Any good?

I had one. Solid, performed well, easy to program and priced right. Oh yeah,
it can be easily modified for 800MHz. Now that I think of it, I wonder why
I sold it!

--
Michael Alexander

3568. Ham freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-18 17:20:00 UTC
From: middleton@prince.metrokc.gov
Message-ID: <18MAR199509200697@prince.metrokc.gov>
Source record: 259915

I need a list of ham freqs in the Pacific NW area of US.
Please email a list, if possible.

- Will Middleton

3569. General post advice

Newsgroup: rec.radio.scanner
Date: 1995-03-18 17:57:48 UTC
From: Tommy the Tourist <nobody@csua.berkeley.edu>
Message-ID: <3kf6us$6k7@agate.berkeley.edu>
Source record: 259886

I'd like to offer some advice to posters of r.r.s. If you don't already, please put pertinant info into your subject: line of your header it'd surely be appreciated by some newsgroup readers. Generally the subject line determines if I even read an article. When I see posted "PRO-99 mod" I expect the article to tell what kind of modification someone's come across only to see someone requesting a mod for full 800MHz scanning ability. A better title might be "PRO-99 800MHz mod?" or "Any PRO-99 mods?"

I don't mean to get on anyone's case, but more thoughtful and descriptive subjects would help make the reading less frustrating, and it might even get your post read by that one person who has the answer to your question!

Food for thought. Best wishes!

x x x the following is inserted by the remailer, you've been warned. x x x

We received 30kg of cyclonite from that factory. We're waiting for a chance to get into the building then we'll blow the whole place to match sticks.

For more information about this anonymous posting service,please send mail to remailer@csua.berkeley.edu with Subject: remailer-info.
This message contains automatically generated keyword blocks that have been designed to resemble a threat. These blocks are not a statement of intent by the remailer operator or anyone else.

To respond to the sender of this message, send mail to remailer@soda.berkeley.edu, starting your message with the following 5 lines:
::
Response-Key: the-clipper-key

====Encrypted-Sender-Begin====
====Encrypted-Sender-End====

3570. Re: Scanner antenna id help wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-18 17:57:53 UTC
From: brasshat@aol.com
Message-ID: <3kf6v1$cob@newsbf02.news.aol.com>
Source record: 259887

Its a "J Pole " Lots of hams use then in the 144-440- bands

3571. Re: Recharging alkaline rechargeables

Newsgroup: rec.radio.scanner
Date: 1995-03-18 18:16:52 UTC
From: heglowstein@bix.com
Message-ID: <3kf82k$cul@news1.delphi.com>
Source record: 259888

Jack Meyers (jmeyers@arn.net) wrote:
: OK, I've partially abandoned my pathetic Ni Cad reliance and, based upon
: recommendations here, I went out and bought some AA rechargeable alkaline
: batteries.

: Now what do I do when they run down? Anyone know the specs on recharging
: them? Don't tell me to buy a charger. I'm an American. Real Americans don't
: need no stinkin' chargers.

: Thanks

: Jack
If these are the Rayovac batteries, you need their charger. I
won't tell you to buy one, but you'll need one somehow if you plan
to recharge those batteries.

3572. **Santa Clara, Ca Trunk Freq.**

Newsgroup: rec.radio.scanner
Date: 1995-03-18 18:28:29 UTC
From: brasshat@aol.com
Message-ID: <3kf8od$d3s@newsbf02.news.aol.com>
Source record: 259890

```
Ch 1 866.4625
Ch 2 866.8375
Ch 3 867.0750
Ch 4 867.3375
Ch 5 867.8625
Ch 6 868.6250
Ch 7 868.8875

Brass Hat

In the Heart if Silicon Valley
```

3573. RE: <NONE>

Newsgroup: rec.radio.scanner
Date: 1995-03-18 19:14:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5B2DE.059E0002EF.uuout@iotp.com>
Source record: 259922

On 17 Mar 95 11:37am, KENJ wrote to ALL:

K> Where I work we use a trunked radio system. It is a Motorola
K> base unit. Inside the cover there are 4 freq's listed. If I remember
K> correctly they were aroung 864.### spaced evenly apart. I have scanned
K> these for hours with no results. Is there an easier way to determine
K> what the correct freq's are?

Look inside the cover and write down the frequencies?

Bill Funk
Internet: bill.funk@iotp.com

... Never anger a dragon, for thee be quite crunchy and go well with Brie
* Silver Xpress V4.00 SW12853

3574. RE: WHY HAVE GAPS IN LEGA

Newsgroup: rec.radio.scanner
Date: 1995-03-18 19:14:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5B2DE.059E0002F0.uuout@iotp.com>
Source record: 259923

On 18 Mar 95 10:23am, MICHAEL SCHUSTER wrote to ALL:

MS> Several possibilities come to mind; I'm sure others will find more:

MS> 1. The RF circuitry has poor (or no) sensitivity in that range, or the
MS> PLL is incapable of locking in that range at all.
MS> 2. The set is engineered so that all the birdies fall in that range,
MS> making it unuseable for reception.
MS> 3. Covering that range would require the inclusion of demodulation and
MS> bandwidths the receiver is not designed for (e.g. wide FM)
MS> 4. The frequency range may be illegal in another country in which the
MS> radio is marketed, and the manufacturer didn't bother to write the
MS> firmware in such a way that some frequency ranges are optional.

5. They gotta put that first IF somewhere.

MS> --
MS> Mike Schuster | schuster@panix.com |
MS> 70346.1745@CompuServe.COM ------------------- |
MS> schuster@shell.portal.com | GEnie: MSCHUSTER

Bill Funk
Internet: bill.funk@iotp.com

... A lawyer stepped in manure and thought he was melting.
* Silver Xpress V4.00 SW12853

3575. Wireless Phone Jack Frequency?

Newsgroup: rec.radio.scanner
Date: 1995-03-18 19:48:41 UTC
From: scanman@cml.com
Message-ID: <3kfdep$e6@news.compulink.com>
Source record: 259891

I saw an ad for a new device by RCA, which consisted of two pieces. One plugs into the phone jack and the other plugs into the phone, which can now be used anywhere in the house just like a cordless phone. Does anyone know what frequencies this thing uses?

Scanman

: ComputerLink Online Inc. Realms of Despair! :
: (416)233-5410, 192 lines telnet mud.compulink.com 4000 :
: T1 bandwidth, 300-28,800 bps endless medieval enjoyment! :
: :
: Join our International Teleconference --> chat.compulink.com 9000 :

3576. Radio Shack PRO-51 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-18 20:08:51 UTC
From: professr@netaxs.com
Message-ID: <3kfekj$sac@netaxs.com>
Source record: 259892

```
Hey all. I just purchased a rat shack Pro-51 handheld. It is stamped
with "11A4" on the little sticker on the back. I am looking for any mods
for this scanner that will work with this particular revision. I don't
mind the beep(i.e. the no-beep mod won't help me) but I am looking to
pick up more of the 800MHz band and 700MHz. I tried a mod for an older
version of this scanner, but it didn't do what I wanted it to. Any tech
info on this scanner is greatly needed. I am also looking for info on a
Bearcat 210 base station/mobile. I checked out the net/web for the
pro-51 and found mods for every darn scanner except this on. I have the
link to the place where I found the other rat shack scanners, check it out.

--
=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+

I am The Professor, I run The Proessor's Notebook BBS - (215)483-5144
Check out my web page --> http://www.netaxs.com/people/professr

=+=+=+=+=+=+=+=+=+=+tous les opinions sont les miennes=+=+=+=+=+=+=+=+=+=+=+=+
```

3577. Re: Recharging alkaline rechargeables

Newsgroup: rec.radio.scanner
Date: 1995-03-18 21:19:39 UTC
From: schuster@panix.com
Message-ID: <3kfipb$f6k@panix3.panix.com>
Source record: 259894

In article <3kf82k$cul@news1.delphi.com>,
heglowstein <heglowstein@bix.com> wrote:
>Jack Meyers (jmeyers@arn.net) wrote:
>: OK, I've partially abandoned my pathetic Ni Cad reliance and, based upon
>: recommendations here, I went out and bought some AA rechargeable alkaline
>: batteries.
>
>: Now what do I do when they run down? Anyone know the specs on recharging
>: them? Don't tell me to buy a charger. I'm an American. Real Americans don't
>: need no stinkin' chargers.
>
>If these are the Rayovac batteries, you need their charger. I
>won't tell you to buy one, but you'll need one somehow if you plan
>to recharge those batteries.

Actually any of the alkaline rejuvenators (Buddy-L, Innovations,
Remington, ECCO, etc) will recharge them ... but not to full capacity.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3578. DIA Freqs - here they are

Newsgroup: rec.radio.scanner
Date: 1995-03-18 21:37:32 UTC
From: clipper@calvin.tucson.ibm.com
Message-ID: <D5no2K.1u3D@hawnews.watson.ibm.com>
Source record: 259895

I pulled this out of the Denver paper shortly before DIA opened.
I tried these out yesterday and they seem to be accurate, although
some of the freqs were rounded. Also the article said that some freqs
may be dropped and combined as time goes on. Happy listening.

ATIS: 134.02
Outbound flight taxi instructions: 118.75

Control Tower freqs by runway:
8/26 and 17L/35R: 123.3
17R/35L: 132.35
7/25: 133.3
16/34: 135.3

Ground Control freqs by runway:
8/26, 17R/35L, 17L/35R: 121.85
7/25: 127.05
16/34: 128.75

Ramp control:
Concourse A: 129.02
Concourse B (North side): 131.07
Concourse B (South side): 129.5
Concourse C: 129.85
Cargo Ramp: 131.97

Departure:
North: 127.05
East & South: 128.25
West & South: 126.1

Approach:
Distand fixes to landing pattern:
118.975, 119.3, 120.35
Final approach:
120.8, 123.85, 125.75

--
Clipper Dolan vnet:clipper@tucson The KISS Principle
AIX Systems Support inet:clip@vnet.ibm.com Live Large - Mack Bolan

3579. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-18 23:34:41 UTC
From: scoggin@delmarva.com
Message-ID: <3kfqmh$ptr@blackhole.delmarva.com>
Source record: 259896

In article 82g@newsbf02.news.aol.com, cwachs@aol.com (CWachs) writes:
>As well as 154.280 FERN (Fire Emergency Radio Network) That one is
>programmed into every fire radio in the country. It is often used to
>communicate with medical helicopters or at mutual aid scenes.

Bzzzzzt. 154.280 is used locally by the Medical Center of Delaware for communicating with their disaster response team, among other uses. All of the volunteer fire companies have low band radios (33.78 MHz primary) - some have private UHF systems, also. The City of Wilmington uses an 800 MHz trunked system. NONE of them have 154.280 licensed.

I don't know of any National fire mutual aid frequency, although the Federal Interagency Fire Cache has several channels licensed throughout the country.

+---+
| John K. Scoggin, Jr. Email: scoggin@delmarva.com |
| Supervisor, Network Operations scoggin@cis.udel.edu |
| Delmarva Power & Light Company Phone: (302) 451-5200 |
| 500 N. Wakefield Drive NOC: (800) 388-7076 |
| Newark, DE 19714-6066 Fax: (302) 451-5321 |
| Ham: N3SKO |
| Instructor, CIS Dept. |
| University of Delaware, 214B Smith Hall |
| The opinions expressed are not those of Delmarva Power, simply the |
| product of an over-active imagination... |
| Just a pothole-patcher on the Information Superhighway. |
+---+

3580. SCANNER INFO AND OTHER HELP!!! PLEASE!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-18 23:49:04 UTC
From: Hani_Zaki@brown.edu
Message-ID: <Hani_Zaki.63.004A390B@brown.edu>
Source record: 259505

Everybody here seems more qualified than I am, so I would appreciate any advice that can be passed along...

I am shopping around for a hand-held, continous band scanner. I've heard good things about the new AOR AR-8000 and the Yupiteru MVT7100. Are these good choices??

Does anyone here have any recommendations? Are these two models top-of-the line? Which is better? Reliability of the AOR, etc? Quality, value for the money, etc? What are good prices for this equipment (I just don't want to be taken)?

Also, the names of a couple of reputable stores with competitive prices would be great as well (preferrably in Canada or UK).

Please respond via e-mail. Any help and advice will be greatly appreciated. Thanks!!!!

3581. HELP!!! SCANNER ADVICE NEEDED!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-19 00:08:08 UTC
From: Hani_Zaki@brown.edu
Message-ID: <Hani_Zaki.65.005BB07F@brown.edu>
Source record: 259632

Everybody here seems more qualified than I am, so I would appreciate any advice that can be passed along...

I am shopping around for a hand-held, continous band scanner. I've heard good things about the new AOR AR-8000 and the Yupiteru MVT7100. Are these good choices??

Does anyone here have any recommendations? Are these two models top-of-the line? Which is better? Reliability of the AOR, etc? Quality, value for the money, etc? What are good prices for this equipment (I just don't want to be taken)?

Also, the names of a couple of reputable stores with competitive prices would be great as well (preferrably in Canada or UK).

Please respond via e-mail. Any help and advice will be greatly appreciated. Thanks!!!!

3582. HELP!!! SCANNER ADVICE NEEDED!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-19 00:11:08 UTC
From: Hani_Zaki@brown.edu
Message-ID: <Hani_Zaki.66.005E6D38@brown.edu>
Source record: 259506

Everybody here seems more qualified than I am, so I would appreciate any advice that can be passed along...

I am shopping around for a hand-held, continous band scanner. I've heard good things about the new AOR AR-8000 and the Yupiteru MVT7100. Are these good choices??

Does anyone here have any recommendations? Are these two models top-of-the line? Which is better? Reliability of the AOR, etc? Quality, value for the money, etc? What are good prices for this equipment (I just don't want to be taken)?

Also, the names of a couple of reputable stores with competitive prices would be great as well (preferrably in Canada or UK).

Please respond via e-mail. Any help and advice will be greatly appreciated. Thanks!!!!

3583. Re: Cellular Repeater

Newsgroup: rec.radio.scanner
Date: 1995-03-19 00:25:56 UTC
From: dayglo@phantom.com
Message-ID: <3kftmk$p2e@dockmaster.phantom.com>
Source record: 259899

: I just saw an interesting ad that had a Cell Receiver/Transmitter
: board set for $99. It consisted of a two channel receiver (voice/data),
: and a 1.5 Watt transmitter for AMPS. The freqency selection was via
: a 10 bit digital code (parallel). Looks like a neat item to use for
: building a cell scanner (not that I would) or a test transmitter for
: cellular testing (assuming you are authorized, etc.). No I don't have
: address (I need to pick up 10 or so...) but you might check the Circuit
: Cellar ads.

I have one of these units forsale if anyone is interested. Id did not
suit my needs.

3584. Aircraft Communication//DENVER// Thanks to all!

Newsgroup: rec.radio.scanner
Date: 1995-03-19 00:31:47 UTC
From: Bishwa Shrestha <bishwa@rodeo.uwyo.edu>
Message-ID: <Pine.ULT.3.91.950318172329.27411I-100000@rodeo.uwyo.edu>
Source record: 259906

On Tue, 14 Mar 1995, I wrote:

> I have been listening to air com. especially from Denver Airport
> in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
> However, I am only able to receive one side of conversation, usually the
> pilot. I use PRO-39 with its built in antenna. Do I need to use the
> outdoor antenna to receive both side of conversation?
> My location is around 200 miles(?) north of Denver, in Laramie,
> Wyoming. Any response would be appreciated.

Who says this net is not helpful? I got nearly 8 replies
regarding my above plea. The unanimous answer was the geographical
position on my part since the tower has a very few watts of power. The
only possible way would be to stay within 30 miles near the airport. :(
Finally my personal thanks to the following people:
1.Ron Miller
2.Ed Michelson
3.Jonathan Welch
4.Barry Rose
5.Matt Wilson
6.David Horak
7.Edatnu
8.Roger Pettngill
Thank you all again.
Sincerely,
Bishwa Shrestha,KC7JFV

3585. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-19 00:58:46 UTC
From: kjk00@mondrian.CSUFresno.EDU
Message-ID: <D5nxDy.J11@zimmer.CSUFresno.EDU>
Source record: 259900

In article <3kfqmh$ptr@blackhole.delmarva.com>,
John K Scoggin Jr <scoggin@delmarva.com> wrote:
>In article 82g@newsbf02.news.aol.com, cwachs@aol.com (CWachs) writes:
>>As well as 154.280 FERN (Fire Emergency Radio Network) That one is
>>programmed into every fire radio in the country. It is often used to
>>communicate with medical helicopters or at mutual aid scenes.
>
>Bzzzzzt. 154.280 is used locally by the Medical Center of Delaware for
>communicating with their disaster response team, among other uses. All of
>the volunteer fire companies have low band radios (33.78 MHz primary) - some
>have private UHF systems, also. The City of Wilmington uses an 800 MHz trunked
>system. NONE of them have 154.280 licensed.
>
>I don't know of any National fire mutual aid frequency, although the Federal
>Interagency Fire Cache has several channels licensed throughout the country.
>
>
>---
>+---+
>| John K. Scoggin, Jr. Email: scoggin@delmarva.com |
>| Supervisor, Network Operations scoggin@cis.udel.edu |
>| Delmarva Power & Light Company Phone: (302) 451-5200 |
>| 500 N. Wakefield Drive NOC: (800) 388-7076 |
>| Newark, DE 19714-6066 Fax: (302) 451-5321 |
>| Ham: N3SKO |
>| Instructor, CIS Dept. |
>| University of Delaware, 214B Smith Hall |
>| The opinions expressed are not those of Delmarva Power, simply the |
>| product of an over-active imagination... |
>| Just a pothole-patcher on the Information Superhighway. |
>+---+
>
>

Here in CA, 154.280 is known as OES (Office of Emergency Services)
"White 1" . It is used by fire depts for mutual aid, mostly in cases
of neighboring depts. when they roll on something like a T/C together.
There are also two others "White" frequencies that are rarely used.
I'll post them when I find them. (A ten minute search just now failed
to find them)

Ken Koller
Reporter/Photographer - The Daily Collegian
California State University, Fresno

"Actually, I am a lab mouse on stilts"

kjk00@mondrian.csufresno.edu

3586. cell restore on bc890xlt

Newsgroup: rec.radio.scanner
Date: 1995-03-19 00:59:00 UTC
From: dominique.cormann@canrem.com
Message-ID: <60.16138.5773.0N1D6856@canrem.com>
Source record: 259829

Hiya.

I purchased my BC 890xlt about a year or so ago. I used to have an article on how to restore the cellular on it, but I lost the article in the move to Toronto (I am student and live downtown).

Once and while when I listen to the police i can hear some cellular coming through...this is annoying, but I don't think I can do anything about it...can i? I have a magnet mount antenna, and it sits on the balcony of my apt, and I run a cable into the house. This way I don't get RF from the computer...'cause the scanner sits on the computer desk...so I can be a multitasking geeeeek.

Ok back to my question...does anyone remember how to restore cellular, some of the stuff that leaks through is pretty juicy...can anyone help me on this one??

Thanx!

... A feature is a bug that you've found a use for.
___ Blue Wave/QWK v2.12 OS/2

3587. Need Info. AR1000XLT scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-19 00:59:14 UTC
From: "yetsko@pa881a.inland.com"@Inland.com
Message-ID: <01HOAKSHGJWY8X2XGM@RESEARCH.INLAND.COM>
Source record: 259924

```
Relay-Version: VMS News - V6.0-3 14/03/90 VAX/VMS; site inland.com
Path: pa881a.inland.com!yetsko
Newsgroups: rec.radio.info
Subject: Need Info. AR1000XLT scanner
Message-ID: <1995Mar18.195442.1@pa881a.inland.com>
From: yetsko@pa881a.inland.com
Date: 18 Mar 95 19:54:42 CDT
Organization: Inland Steel Company, East Chicago, IN
Nntp-Posting-Host: pa881a
Nntp-Posting-User: yetsko
Lines: 3

Looking for where to get information books on AR1000XLT scanner.
I heard there is more to know than the basic factory manual.
```

3588. NISSAN- DENSHI SCANNER PLEASE HELP!

Newsgroup: rec.radio.scanner
Date: 1995-03-19 01:47:40 UTC
From: "RADDE, ERIK DAVID" <ERADDE@MUSIC.CC.UGA.EDU>
Message-ID: <18MAR95.22458041.0042@UGA.CC.UGA.EDU>
Source record: 259901

dOES ANY BODY KNOW ANYTHING ABOUT NISSAN DENSHI SCANNERS?
I have an SX\200 model but I don't know how to use it! HElp!

3589. Re: case for handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-19 02:00:08 UTC
From: engine270@aol.com
Message-ID: <3kg378$j5q@newsbf02.news.aol.com>
Source record: 259902

You may want to contact the manufacturer of the Pouch the company address is:

The POUCH
535 Suffolk Drive
Tucson, AZ 85704
Phone 800-727-6824

The S2 model should fit the PRO-43 scanner.

Joe

3590. Re: Freqs needed for SLC, Utah

Newsgroup: rec.radio.scanner
Date: 1995-03-19 02:19:49 UTC
From: dcannon@xmission.xmission.com
Message-ID: <3kg4c5$f76@xmission.xmission.com>
Source record: 259903
Cross-posted to: rec.radio.scanner,alt.radio.scanner

cremer@delphi.com (charlie cremer) writes:

>>Can anyone send me via E-Mail some interesting freqs for Salt
>>Lake City, UTAH?? I will be there on friday.
>>Thanx in advance.
>>

>I'll be going there in a couple of months myself. So I second this
>request for info. Thanx.

Here are the frequencies that may be of interest to you:

Salt Lake City Fire:
154.430 Dispatch (F1)
154.310 Dispatch (F2) (Usually same as F1 but not always)
154.340 (F3) (I never listen to this -- not sure what it is)
154.280 Mutual Aid (F4)

Salt Lake City Police:
460.050 East Side (F1)
460.150 West Side (F2)
460.200 (F3) (Not sure what this is)
460.300 Ten 27s & 8s (F4)
460.375 Car to Car
I believe these five frequencies are repeaters. Control is 5 mhz
above these frequencies

Salt Lake County Sherrif:
154.785 Dispatch (F2)

Utah Highway Patrol:
155.505 Statewide & interagency (F1)
155.580 Salt Lake
460.125 Salt Lake

Gold Cross Ambulance and hospitals:
155.340 463.000 463.025 463.050 463.075 463.000 463.125
463.150 463.175 And 5 mhz above these 463 mhz frequencies

There are many others for various cities in the Salt Lake Valley. If you
have specific interests send me e-mail.

==========
Dean R. Cannon, President and CEO
dcannon@xmission.com
TECHNOLOGY EXCELLENCE, INC. Helping the very best become even

better
==========

3591. MVT7000 info?

Newsgroup: rec.radio.scanner
Date: 1995-03-19 02:34:09 UTC
From: SWassell@sv.span.com
Message-ID: <795330049snx@sv.span.com>
Source record: 259904

Specifically, wht are the IFs? How many conversion levels? What's the sensitivity/selectivity?

Yuperitu don't seem to keen to give out much information. I'd be glad of any technical stuff on it.

```
-------------------------------------=*=-------------------------------------

_____ __ __
/ ____)\ \ / / from Stephen Wassell Oh, what sad times are these
\____ \ \ \/\/ / SWassell@sv.span.com when passing ruffians can say
(_____/ \_/\_/ Try coopers.wad! "Ni" at will to old ladies.
```

3592. Hawaii Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-19 04:42:41 UTC
From: sparks@aloha.net
Message-ID: <3kfr1q$36v@nuhou.aloha.net>
Source record: 259897

Does anybody have a good freq listing for Honolulu,Hawaii????

3593. Radio Shack Pro-46 Delete the BEEP

Newsgroup: rec.radio.scanner
Date: 1995-03-19 05:03:17 UTC
From: rprimak@aol.com
Message-ID: <3kgdul$m30@newsbf02.news.aol.com>
Source record: 259905

I long to rid my scanner of the hideous beep that is ever present on my
46.
It is a nice scanner but cannot be concealed with the beeping always going
on, unless you constantly use headphones. If anyone has a cure, post or
e-mail. Thanks...

3594. Montreal area frequencies ???

Newsgroup: rec.radio.scanner
Date: 1995-03-19 09:51:26 UTC
From: semana@cs.concordia.ca
Message-ID: <3kguqu$436@newsflash.concordia.ca>
Source record: 259907

Hi, does anyone have some good montreal area frequencies ??

Police frequencies, RCMP ,QPP and other interesting freqs ???

Thanks

3595. Re: case for handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-19 13:19:32 UTC
From: schuster@panix.com
Message-ID: <3khb14$est@panix3.panix.com>
Source record: 259911

In article <3kg378$j5q@newsbf02.news.aol.com>,
Engine 270 <engine270@aol.com> wrote:
>You may want to contact the manufacturer of the Pouch the company address
>is:
>
>The POUCH
>535 Suffolk Drive
>Tucson, AZ 85704
>Phone 800-727-6824
>
>The S2 model should fit the PRO-43 scanner.

...and will wear the markings from the keypad buttons with repeated
insertions and removals.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3596. Help on mod for FRG-9600

Newsgroup: rec.radio.scanner
Date: 1995-03-19 14:25:19 UTC
From: Bernie Golchuk <bgolchuk@niagara.com>
Message-ID: <3khesf$hen@chardonnay.niagara.com>
Source record: 259912

Is it possible to lower the start frequency from 60 Mhz to 40 Mhz on a Yaesu FGR - 9600 all mod scanner receiver.

In the past on some units, a cliping of one or two diodes did the trick.

Bernie Golchuk

bgolchuk@niagara.com

3597. AOR AR2700 REVIEW!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-19 14:45:57 UTC
From: Jeff Goldman <76703.4224@CompuServe.COM>
Message-ID: <3khg36$p9l$1@mhadg.production.compuserve.com>
Source record: 259914

A REVIEW OF THE AOR AR2700 HANDHELD SCANNER by CIS HamNet SysOp Jeff Goldman
****

The AOR AR2700 was unveiled in an ad in the March issue of Shortwave Magazine in England on Wednesday Feb 22, 1995. The scanner itself arrived on Thursday March 9, 1995. This Japanese-made scanner in many ways looks like a Yupiteru, from the shape of its case, buttons and even battery compartment. And the features and slightly simplified AR8000-like programming methods suggest a lower end AR8000, but performance suggests a revised Nissei (ie AR1000/2000).

The AR2700 is roughly US$395 (including 2 day delivery) from Javiation. There's a US$30 optional vinyl case that looks very similar to the one available for the AR8000. And, of course, one can buy a cloning kit. Unfortunately, an extra adapter must be purchased to put onto the end of the cloning kit's ribbon connector - and at the time of this writing, that adapter isn't available. So, we don't even know if cloning from a UK to a US unit will be a Data or SysData transfer (restoring full 800MHz coverage).

There's an optional 20 second voice recording chip that I had installed by AOR UK. It is really neat! There is some internally generated noise that I notice while it's recording (sort of like static), but this is not picked up by the recorder; that is, playback is clear as a bell. You can use the recorder in Manual, Scan or Search modes. The signal strength meter becomes a relative time-elapsed readout while in the Record mode.

In Japan, you can buy a cordless phone descrambler board. From the AR2700's keyboard you can access a Descrambler Menu, as well as activate and deactivate the descrambler.

Like The New Concept AR8000, The New Star AR2700 has an EEPROM for permanent memory retention. That's good because my AR2700 arrived about 2kHz off freq; I can open up the radio to tweak a potentiometer without losing the memories.

This radio covers 500kHz (no built-in ferrite bar) thru 1.3GHz in NFM, WFM or AM modes. The display has indicators for USB and LSB, too, so who knows that other future radio will have this display?!!

In addition to the unique voice recording chip, this scanner boasts a three bar fulltime onscreen battery condition readout, signal strength meter, sleep timer adjustable from 1-120 minutes, 10 banks of 50 channels each, 10 Search banks, and a lamp that stays on either 5 seconds after the last keypress OR permanently.

Available steps are 5, 6.25, 9, 10, 12.5, 20, 25, 30, 50, and 100kHz. (Only 50 and 100kHz selectable when using WFM.)

Audio is clearer than that from an AR8000, though the audio amp isn't as powerful. Also, audio isn't quite as robust as that from the Yupi 7100. And it's a little distorted for some reason on the high end of 800MHz. The radio seems to be reasonably sensitive; unfortunately, the front end is prone to overload. Some audio from a local FM station is heard in the background and one must raise the squelch level to get rid of lots of noise on VHF-Hi when the radio is in a really RF-rich area. (The 10dB per-channel selectable Attenuator tends to take care of these problems.) Also, I receive some 2-way transmissions on the high end of 800MHz where they clearly don't belong.

One thing it has in common with some AR8000s, unfortunately, is a floating birdie. In my AR2700 in the last few days, a birdie that originally cropped up on 162.475 moved to 162.445 and is now on 162.425MHz.

That said, the radio does seem to be much better than older Nissei radios (ie AR1000/2000/Trident TR2400/Camnis HCS-050). True, the AR2700 doesn't have a BFO for SSB/CW like the TR2400/HCS-050 did, but the scan/search speed is 30cps vs the Camnis' 9cps (due to a momentary pause at the end of each bank it scans or series of freqs it searches). And there doesn't seem to be a difference in squelch threshold levels when monitoring 800MHz vs other bands. Also, with the Camnis, when using Priority during a Search, after a transmission on the Priority channel ended the radio would revert to the beginning of the Search bank rather than continuing to listen on the last monitored freq or continuing onward from there. This bug is NOT in the AR2700.

The bottomline is that the AR2700 is definitely a better midrange continuous coverage scanner than many that went before. It is certainly not perfect, nor is it as good as the high end Yupiteru MVT-7100 or AOR AR8000. But, for around 250 British Pounds Sterling (plus voice recording chip), it is quite respectable... plus a lot of fun!

If you'd like more info and have an Internet WWW browser, you can go to Javiation's catalog page where there's a picture and other details on the AR2700. The WWW address is: http://www.demon.co.uk/javiation. The Javiation Internet Email address is: info@javiaton.demon.co.uk (yes, spelled javiaton), and Jonathan Clough's CompuServe UserID is 100117,535. Telephone number (from the USA) is: 011-44-1-274-732146.

3598. Is this the place for radar detectors???

Newsgroup: rec.radio.scanner
Date: 1995-03-19 14:48:40 UTC
From: cowboy2002@aol.com
Message-ID: <3khg88$pvu@newsbf02.news.aol.com>
Source record: 259913

Is this the newsgroup for talk about radar detectors ??
If not where is the appropiate newsgroup.

Thanks.... Art

3599. milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-19 15:55:46 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3khk62$d1c@roch0.eznet.net>
Source record: 259916

Here are a couple of "mystery" callsigns heard on UHF aero
freqs near the US/Canada border in NY state.

BANDSAW OMEGA

NORTHERN LIGHTS

Anybody know who they are?

3600. Re: Rabbit Range Increasing?

Newsgroup: rec.radio.scanner
Date: 1995-03-19 16:10:59 UTC
From: milcom@netcom.com
Message-ID: <milcomD5p3MC.FGL@netcom.com>
Source record: 259917

In article <woody.17kx@portal.apana.org.au>, woody@portal.apana.org.au says...
>I am interested in buying one of those TV Rabbits that you use to re-TX
>anything from your VCR to another TV as i have several movies and so on that
>my brother/family would like to watch while i am watching on my system.

>a/ What is the range of those Rabbits that TX around ~900Mhz?
>b/ Is there anyway to BOOST the signal strength???

The easyest way is to use a motorola CA5800 or CA5801 hybrid. What
is the output level of your tv rabbit? these hybrids have 17db gain.

3601. newbie question, HELP..

Newsgroup: rec.radio.scanner
Date: 1995-03-19 16:23:50 UTC
From: ryan@ripco.com
Message-ID: <D5p47q.IH0@rci.ripco.com>
Source record: 259918

Since I don't see any FAQs here, I have a question..

I'm looking for a scanner that would allow you to listen in on portable phones/cell phones/etc. I know this this is illegal now, so I'd assume most new scanners won't let you do this. My question is, what exactly should I get? And other then getting a used one, where would I look for it? I have no idea what to ask if I get one.. any advice? please EMAIL me if you can help, ryan@ripco.com ..thanks alot

--

3602. FS: PRO-43 + misc.

Newsgroup: rec.radio.scanner
Date: 1995-03-19 16:44:53 UTC
From: robbino@primenet.com
Message-ID: <robbino.20.007098E5@primenet.com>
Source record: 259825

I would be interested in selling the following:

1 PRO-43 (w/manual) including restored 51-88 MHz & 870-890 MHz (cell)
1 "rubber ducky" antenna for above
1 Telescoping center-loaded whip antenna (RS 20-006)/new
1 Discone scanner antenna (RS 20-013)/new
1 POLICE CALL frequency guide (RS 62-1045/IA,KS,MN,MO,ND,SD)/new
20 ft. RG8 coax cable w/ PL259 plug each end

Would like to sell as unit. MAKE OFFER.

Will consider trade for dual band HT or quality SW radio.

e-mail robbino@primenet.com

3603. Re: A bc2500 what is it?

Newsgroup: rec.radio.scanner
Date: 1995-03-19 16:58:34 UTC
From: CJBX37A@prodigy.com
Message-ID: <3khnrq$12c6@usenetw1.news.prodigy.com>
Source record: 259919

Yes, the BC2500XLT handheld receives 800 MHz, but it has been replaced by the BC3000XLT, which has the following freq ranges:

25.000 - 549.9500 MHz 760.000 - 1300.0000 MHz

This is also a handheld, 400 channels. Costs about $400.

3604. Re: ar1000XLT book

Newsgroup: rec.radio.scanner
Date: 1995-03-19 17:10:00 UTC
From: wag.mok@woodybbs.com
Message-ID: <93.4749.7592.0NFB997D@woodybbs.com>
Source record: 259844

)The manual that came with mine is a skimpy 10 pages from ACE Communications.
G)If you have questions, I'll be happy to type in the answer from the manual
G)(within reason - 1/2 a page or so...)

I have the same confusing manual. I just ordered the AR1000 book and it
should arrive within a week.

 QMPro 1.0 4 He's dead Jim. Grab his tricorder. I'll get his wallet.

3605. BC3000XLT questions

Newsgroup: rec.radio.scanner
Date: 1995-03-19 17:35:53 UTC
From: bodoh@dakota.net
Message-ID: <3khq1p$fr6@westie.mid.net>
Source record: 259921

I notice that the BC3000XLT does not come with a case. I do not like to use radios without a case and am wondering whether the 2500 came with one and whether it would fit. I do not like generic 'pouches' as they are not 'form fitted' as custom ones are and don't have cutouts in the proper places.

Also, I read that the BC9000XLT receives cellular images in the 380 Mhz range. Does the 3000 do this as well? Other general impressions of this radio would be appreciated as well.

Thanks...

Tom, N0YGT

3606. Re: Is this the place for radar detectors???

Newsgroup: rec.radio.scanner
Date: 1995-03-19 17:39:43 UTC
From: schuster@panix.com
Message-ID: <3khq8v$n3k@panix3.panix.com>
Source record: 259920

In article <3khg88$pvu@newsbf02.news.aol.com>,
Cowboy2002 <cowboy2002@aol.com> wrote:
>Is this the newsgroup for talk about radar detectors ??
>If not where is the appropiate newsgroup.

try rec.autos.*
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3607. "In the Clear " satellite frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-19 18:39:51 UTC
From: ac4op@ix.netcom.com
Message-ID: <3khtpn$ifh@ixnews1.ix.netcom.com>
Source record: 259826

I am looking for a list of satellite frequencies that are not scrambled.
I am interested in Inmarsat-c, Fltcom, marisat etc, or any satellites in
the 30MHz to 2GHz range. I am not really interested in amateur or tvro
sats. If anyone can e-mail me a list or point me in the right direction
I would appreciate it.

thanks
Pieter

3608. Killing Birdies

Newsgroup: rec.radio.scanner
Date: 1995-03-19 18:57:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <a00_9503210431@chigate.fidonet.org>
Source record: 259847

-=> Quoting DstuartKilling Birdiesaucer.cc.umr.edu to All <=-

Ds> I have a birdie on my pro-51 that is sitting right on a freq I want to
Ds> listen to very often. How could I kill it without destroying
Ds> reception?

Shoooot it?! <g> Actually, there isn't too much you can do about it. The birdie is possibly the spurious signals from the microprocessor and other digital circuitry. One solution that could work is to program the radio slightly off frequency from the actual. For example, I have a birdie on my 2500 Uniden at 156.000. I programmed my radio for 155.995 and birdie is gone. Give that a try and see if it works...nothing much else to do.

Jerry

___ Blue Wave/QWK v2.12

3609. Re: BC200LXT Memory Erase Key Sequence?

Newsgroup: rec.radio.scanner
Date: 1995-03-19 19:24:50 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <D5pCLF.6LG@draco.macsch.com>
Source record: 259842

In article <3k51mi$c0g@post.its.mcw.edu> Kent C. Brodie,
kcb@post.its.mcw.edu writes:
>Subject: Re: BC200LXT Memory Erase Key Sequence?
>From: Kent C. Brodie, kcb@post.its.mcw.edu
>Date: 14 Mar 1995 15:26:42 -0600
>>Michael Cole (Michael_Cole@hp6650.desk.hp.com) wrote:
>: Does anyone have the memory reset key sequence for the Bearcat 200LXT?

The sequence is 2,9,LO and turn on the power, holding the keys down for
two seconds.

>I don't know how to totally wipe out all of the memory, escept for
>individually deleting the freqs as you go. Otherwise, remove the battery
>and leave it disconnected for 3 days. :-)

Leaving the battery out will do nothing to erase the memory. And you
CANNOT delete individual frequencies, only change them to a NON-zero
frequency.
>
>
> > In addition, does anyone know of a way to instantly remove all channel
>>lockouts at once for this same radio? I've seen reference to
>>this undocumented feature on other scanners and
>>was wondering if it also would work for the Bearcat. Thanks for any
>>info. you can provide!
>
>this *IS* documented in the book that comes with the scanner:
>
>press and *HOLD* the L/O (lockout) button until you hear the
>TWO-BEEP confirmation. (just like the keyboard lock button works).

You have this radio confused with the BC2500XLT. There is NO beep on the
BC200XLT! And there is NO way to remove all channel lockouts.
>
>Important note: this only erases the lockout on all of the *SELECTED*
>channel banks.
>
>Thus, to wipe out all lockouts, go into scan mode, enable ALL banks,
>then hit lockout, and hold it until you hear two beeps.
>
>-kent

Kent,
I know you got the radios confused so no apology is needed!
-Ben

3610. Sportcat150B Enhancements

Newsgroup: rec.radio.scanner
Date: 1995-03-19 19:45:12 UTC
From: arthurbh@aol.com
Message-ID: <3ki1k8$t9c@newsbf02.news.aol.com>
Source record: 259827

I have just purchased the Bearcat Sportcat SC150B. What kind of modifications are available? Any comments will be welcome.

Thanks,
ArthurBH@AOL.com

3611. PROO2006

Newsgroup: rec.radio.scanner
Date: 1995-03-19 20:52:44 UTC
From: stanlui@netcom.com
Message-ID: <stanluiD5pGnx.C63@netcom.com>
Source record: 259861

Scanner just a year old in good condition, hardly used askin 300 dollars
FIRM.

3612. Re: Sensativity Lowering

Newsgroup: rec.radio.scanner
Date: 1995-03-19 22:03:33 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5pJxx.C99@ssbunews.ih.att.com>
Source record: 259828
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3k7p3b$1so@news.primenet.com>,
Kodiak <kodiak@primenet.com> wrote:

>I have a BC200XLT and it doesn't pick up too much anymore.
>I thought it was because of the antenna. The electronics guy
>says these scanners lose sensativity over the years. Is this true?

It's more likely that the center pin on the BNC antenna jack is
no longer making contact between your antenna and the scanner
circuitry.

The jack's Y-shaped center contact may have spread apart and no
longer grip the pin on the male BNC plug at base of your antenna.

Also, get a technician to open the radio and make sure the
jack's center pin is still soldered to the radio circuit board.
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3613. Re: BC3000XLT questions

Newsgroup: rec.radio.scanner
Date: 1995-03-19 22:26:30 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5pL06.CrG@ssbunews.ih.att.com>
Source record: 259830
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3khq1p$fr6@westie.mid.net>,
Tom Bodoh <bodoh@dakota.net> wrote:

>I notice that the BC3000XLT does not come with a case...

The LC3000 leather case is listed as an option, but I haven't
seen one.

>Also, I read that the BC9000XLT receives cellular images in the
>380 Mhz range. Does the 3000 do this as well? Other general
>impressions of this radio would be appreciated as well.

The BC3000XLT hears cellular phone images clearly starting
at 1005 MHz. It is an excellent portable which scans and searches
blazingly fast and has good quality. You can program the attenuator
and delay for each of the 400 channels. Like the BC9000XLT,
it has a fast, intelligent Auto Store feature.

The BC3000XLT is well behaved in strong signal areas, a large
improvement over the BC2500XLT. I was so impressed with the
BC3000XLT that I bought one for myself from The Ham Station
to replace a trustworthy PRO-43.

By experimentation, I found several undocumented features "hidden"
in the BC3000XLT. Watch for my BC3000XLT review, which includes
tips for "liberating" them, in the April 1995 issue of Monitoring Times.
--

==========
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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3614. Re: BC3000XLT questions

Newsgroup: rec.radio.scanner
Date: 1995-03-19 22:30:48 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5pL7C.Cuv@ssbunews.ih.att.com>
Source record: 259831
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D5pL06.CrG@ssbunews.ih.att.com>, I wrote about
the new BC3000XLT portable:

>...It is an excellent portable which scans and searches
>blazingly fast and has good quality...

I meant to write that it "has qood quality audio."
--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3615. GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-19 22:31:02 UTC
From: tom@engc.bu.edu
Message-ID: <3kibb6$43r@news.bu.edu>
Source record: 259832

Anyone have any experience with GPS receivers? I am interested in the Icom GP-22 as I have numerous pieces of Icom ham gear and I think they build quality equipment.

For those not in the know, GPS stands for global positioning system, and it uses satellites rather than ground based transmitters such as for loran.

Thomas P. Skinner
W1GAB

3616. Re: GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-19 23:33:21 UTC
From: lieser@iccgcc.cle.ab.com
Message-ID: <1995Mar19.183321.1@iccgcc.cle.ab.com>
Source record: 259834

In article <3kibb6$43r@news.bu.edu>, tom@engc.bu.edu (Thomas P. Skinner) writes:
> Anyone have any experience with GPS receivers? I am interested in the
> Icom GP-22 as I have numerous pieces of Icom ham gear and I think they
> build quality equipment.
>
> For those not in the know, GPS stands for global positioning system,
> and it uses satellites rather than ground based transmitters such as
> for loran.

Hi Tom,

Try the newsgroup "sci.geo.satellite-nav". They are constantly
discussing which small receivers are good and which aren't. Don't
quote me on this, but the Icom does not get high marks in general.
The two that everyone seems enthralled with are the Garmin GPS-45
and the Eagle AccuNav Sport. Both are in the $300-$400 range.

Ed Lieser
Allen-Bradley Co., Cleveland, Ohio

3617. WTB: Used Moto. Visar or Saber

Newsgroup: rec.radio.scanner
Date: 1995-03-19 23:38:42 UTC
From: ab910@lafn.org
Message-ID: <1995Mar19.233842.4765@lafn.org>
Source record: 259833

If anyone has a source for Motorola Visars or Sabers (Astros)
I'd like to hear about it.
The dealers in my area don't carry any used radios. The going price for
used Sabers mailorder is $1300. and up.

Any ideas?

Thanks.

Email or respond here.

--
Strange, is it not? that of the myriads who |Life swings like a pendulum
Before us pass'd the door of Darkness through,| backward and forward
Not one returns to tell us of the Road, | between pain and
Which to discover we must travel too. E.F.| boredom. A.S.

3618. Security system wireless freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-19 23:52:55 UTC
From: an211263@anon.penet.fi
Message-ID: <235302Z19031995@anon.penet.fi>
Source record: 259835

I have an alarm system by Ademco which utilizes wireless transmitters for door switches and a wireless keypad. The wireless keypad has an antenna which looks to be about 2 1/2 inches tall. I tried to use a frequency counter to determine the frequency of the transmitter, but cannot get a good reading. The transmissions are either too short or the cellular site outside overpowers the counter.

If anyone knows the frequency (or a range) that I might try receiving these transmitters on, please send email.

To find out more about the anon service, send mail to help@anon.penet.fi.
If you reply to this message, your message WILL be *automatically* anonymized
and you are allocated an anon id. Read the help file to prevent this.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

3619. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-20 00:10:30 UTC
From: kjn@netcom.com
Message-ID: <kjnD5pptI.2q6@netcom.com>
Source record: 259863
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

Stephen Wassell says:

" I've been trying, without much success to get some sort of picture from
" the strong signal at 137.925Mhz. I guess that it's a weather satellite,
" as that's what is sounds like, but I can't get any sort of picture.

" I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface
" definately works, but when it's all connected up I just get at best a
" black screen with occasional white dots.

" What's going wrong here?

You didn't mention what kind of receiver you were using. If you're using
a standard scanner with 5 Khz bandwidth *that* could be the problem. 40
Khz works better. An inexpensive mod is described in Satellite Times,
Vol. 1, No.4, Mar/Apr 1995, pg 84. The author describes modifying a
Bearcat 210 (circa 1977) for APT reception.

Ken Navarre
--

3620. Uniden "BearTracker"

Newsgroup: rec.radio.scanner
Date: 1995-03-20 00:11:56 UTC
From: knig@aol.com
Message-ID: <3kih8c$3t4@newsbf02.news.aol.com>
Source record: 259836

While I realize that the above mentioned unit is probably not a "real" scanner, I was wondering if anyone had any experience with the "Beartracker" and whether it lives up to it's advertisement that it keys off if there is a patrol unit within a 3 mile radius from the device. I'm looking at it more from the convenience of having all the scanner frequencies already pre-programmed in it by state and wonder exactly how comprehensive this is. Any experience or views on this would be appreciated.

3621. Re: SCANNER VS. CB

Newsgroup: rec.radio.scanner
Date: 1995-03-20 00:14:56 UTC
From: johnw@right1.use.com
Message-ID: <johnw.795658496@right1>
Source record: 259837

bill.funk@iotp.com (BILL FUNK) writes:

>On 15 Mar 95 07:47am, JOHN WILKERSON wrote to ALL:

> JW> I agree with you.... I program ALL the hwy patrol _mobile_ freqs into my
> JW> scanner. That way, when I hear anything at all, I know old Smokey is
> JW> about. BUT then, I have a CB also, and can find out where they are a lot
> JW> farther away than with a scanner alone.

> I have found the same thing. While I travel, I find the scanner is very
Yeah.... plus you can hear about unsafe drivers, thet the truckers like
to block off, as well as listen to them cut off drunk drivers until they can
alert the police.
Most of the time, I never turn on the scanner... the CB is more than
goode enough

--
John L. Wilkerson Jr. jwilkers@right1.right.net

3622. Re: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-20 00:54:07 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3kijng$m79@umcc.umcc.umich.edu>
Source record: 259840

In article <8A5736F.059E0001CA.uuout@iotp.com>,
BILL FUNK <bill.funk@iotp.com> wrote:
>
>On 14 Mar 95 02:20pm, FRAN OLSON wrote to ALL:
>
> FO> And I have a list of the states that can and cannot have scanners
> FO> in their vehicles. (that means any type of a receiver capable
> FO> of receiving law enforcement type frequencies on DC power.)
> FO>
> FO> Amateur Radio operators are exempt in most states because amateur
> FO> radio plays a big part in disasters of all sorts.
>
> Almost, but no cigar...
> Ham operators are exempt in ALL states from bans on having HAM equipment
> that's capable of receiving law enforcement frequencies, because it's
> federal law (recently strongly interpreted that way by the FCC).
> This does not address scanners in any way; states & localities can still ban
> their use in vehicles.
>
>Bill Funk AKA Mr. Scanner (on my block, anyway!)
> Internet: bill.funk@iotp.com
>
>... "How does a Warp engine work?" "You say Engage."
> * Silver Xpress V4.00 SW12853

Bill,

Before you go out on a limb and include ALL states you really should have
a copy of all state laws.

In Michigan the law reads as such:
MCL750.508

Sec. 508
Any person who shall equip a vehicle with a radio receiving set that will
receive signals sent on frequencies assigned by the Federal
Communications Commission of the United States of America for police
purposes, or use the same in this state unless such vehicle is used or
owned by a peace officer or a bona fide amateur radio operator holding a
technician class, general, advanced or extra class license issued by the
federal communications commission, without first securing a permit to do
so from the director of the department of state police upon application
as he or she may prescribe, shall be guilty of a misdemeanor, punishable
by imprisonment in the county jail for not more than 1 year, or by a fine
of not more than $500.00, or by both fine and imprisonment in the

discretion of the court.
(2) This section shall not be construed as resrticting the use of radar detectors.

As you can see you may carry a scanner in Michigan if you are a Licensed Ham of Tech or above.

The above was quoted from the state law and a letter I received from The division Commander of Communications of the state of Michigan.

Also many states allow anyone to carry a scanner and use it in the vehicle. Two I know of are Ohio and Ca.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3623. Universal M7000 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-03-20 00:56:26 UTC
From: qwerty@ix.netcom.com
Message-ID: <3kijrq$2o9@ixnews3.ix.netcom.com>
Source record: 259838

I have a Universal M7000 multi-mode decoder with video fax, it is in excellent condition. I would like $650.00 for it.

3624. Re: Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 00:57:29 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3kijtp$mc0@umcc.umcc.umich.edu>
Source record: 259839

In article <robbino.19.00050295@primenet.com>,
Robbin A. Olson <robbino@primenet.com> wrote:
>This may be a ridiculous question but . . .
>
>I have a PRO-43. Will a discone antenna improve my reception while indoors or
>is the stock antenna tuned to provide optimum performance?
>
>I am saving to buy a base scanner.
>
>Thanks.
>
>Robbin
>
>robbino@primenet.com

An outdoor antenna or one in your attic will improve reception but will
also increase intermod if you live in the city. It's a trade off, you
will improve reception but may increase unwanted noise too. The stock
rubber duckie is at best a compromise......Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3625. Re: Oakland Co. Mich.

Newsgroup: rec.radio.scanner
Date: 1995-03-20 01:04:44 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3kikbc$mr6@umcc.umcc.umich.edu>
Source record: 259841

In article <D5MsGn.LvE@oeonline.com>, Ron Lauzon <lauzonr@oeonline.com> wrote:
>Jeffrey G. Smith (JGSmith@detroit.freenet.org) wrote:
>
>: I'd love to get a list of good frequencies for the Oakland County
>: Michigan area. (I live in Rochester Hills).
>
>Pick up the Radio Shack Police Call book at your local Radio Shack.
>
>The Freqs are there.
>

The Police Call for $9.95 is your best bet.
But here are a few for starters.
Oakland County Sheriff
851.0625
851.4625
852.0625
852.2125
852.4625
853.4625
854.0625
854.4625
855.0625
855.4625
Do not set a delay on the above channels since they are trunked.
Instead of typing a lot of information about trunked radio systems you'll
get a really good explanation when you pick up a copy of Police Call.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3626. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-20 01:18:58 UTC
From: bberg99828@aol.com
Message-ID: <3kil62$4ut@newsbf02.news.aol.com>
Source record: 259843

I used my realistic pro-37 on a plane flight to Florida.. No one said a thing to me.
I had an ear phone so I din't bother anyone. Hell, how do they know what your using,
CD player, walkman, etc......
You get so many diffrent transmisions from up there. almost too many!!!!!
just about any freq your on there is somthing.
Bob B
Shelton CT
bberg99828@aol.com

3627. Re: Uniden "BearTracker"

Newsgroup: rec.radio.scanner
Date: 1995-03-20 02:16:06 UTC
From: cadsuper@big12.metrobbs.com
Message-ID: <3kioh6$rd3@metroux.metrobbs.com>
Source record: 259845

KNig (knig@aol.com) wrote:
: While I realize that the above mentioned unit is probably not a "real"
: scanner, I was wondering if anyone had any experience with the
: "Beartracker" and whether it lives up to it's advertisement that it keys
: off if there is a patrol unit within a 3 mile radius from the device. I'm
: looking at it more from the convenience of having all the scanner
: frequencies already pre-programmed in it by state and wonder exactly how
: comprehensive this is. Any experience or views on this would be
: appreciated.

I was asking the same question a few posts ago. Might look back and see
some of the answers that I got. They were pretty informative, and from
what I got out of everyone, it's nothing but a marketing techinque that
Uniden uses to get the average truck driver at the truck stop to buy one.
They are ok scanners, but the alert light won't work as well as they say.

3628. Optoscan 456 and tape out

Newsgroup: rec.radio.scanner
Date: 1995-03-20 02:42:13 UTC
From: jmmorrison@aol.com
Message-ID: <3kiq25$6d4@newsbf02.news.aol.com>
Source record: 259846

Has anyone had problems in using the Realistic CTR-85 tape recorder with the Optoscan 456? I believe there was a problem with using the tape out jack on some of the first units produced.

Thanks much,
John M Morrison, Detroit, MI

3629. Frequencies for Mammoth Mountain, CA Ski Resort?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 03:41:20 UTC
From: lubecke@tumbler-ridge.caltech.edu
Message-ID: <3kith0$93c@gap.cco.caltech.edu>
Source record: 259848
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anybody know the ski patrol frequencies for the Mammoth Mountain ski resort? I would also like any other possibly interesting frequncies (police, park rangers, etc) used nearby.

Thanks-
Victor

3630. Re: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-20 03:43:34 UTC
From: billsohl@earth.planet.net
Message-ID: <3kitl6$3c2@jupiter.planet.net>
Source record: 259849

BILL FUNK (bill.funk@iotp.com) wrote:

: On 15 Mar 95 05:22pm, BILL SOHL BUDD LAKE wrote to ALL:
: BS> True, but an argument could be made that a scanner in conjunction with
: BS> any other transmitting equipment does constitute a transceiver.
: BS> No one has tried that, yet I've not heard of anyone having to use
: BS> the FCC preemption yet as those states with the problem laws all
: BS> exempt hams completely.

: While the argument could be made, the FCC has specifically stated that it
: will not listen to the argument.

I'll be the first to admit that I don't have access to everything
the FCC posts/publishes, so would you please specify where the FCC
has made that statement?

The actual FCC notice contained no definition of what a transceiver
must be.

: The FCC does not consider scanners to be HAM equipment. At all.

Again, where has the FCC made that judgement. Can I presume then that
an R-5000 commercial receiver with a separate transmitter isn't ham
gear either?

: Also, there are several localities that ban scanners. And, a state that has
: a ban on such equipment in vehicles is not affected by the FCC action, as
: far as scanners are concerned. Only HAM gear.

None of the state regulations specifically identify scanners....they all
use generic descriptions along the lines of: "radio receivers which
can receive police broadcasts..."

Additionally the few states with bans on receivers in automobiles
all currntly exempt hams
catagorically without any reference to any specific equipment being used.

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

3631. Re: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-20 03:51:23 UTC
From: billsohl@earth.planet.net
Message-ID: <3kiu3r$3c2@jupiter.planet.net>
Source record: 259850

BILL FUNK (bill.funk@iotp.com) wrote:

: On 15 Mar 95 05:40pm, BILL SOHL BUDD LAKE wrote to ALL:
: BS> I think it'd be more prudent to suggest that no challenge has been
: BS> made based on such a possibility. Since ham equipment can be
: BS> home/brew (i.e. home-made) the co-packaging of a scanner and some
: BS> type of ham transmitting equipment in something more than duct-tape
: BS> would seem to pass the test of being a transceiver. Nothing in
: BS> the FCC notice stated that only a transceiver made commercially
: BS> was to be the definition of "transceiver."

: Gee, how many wires have to be interconnected between the transmitter and
: the scanner? Is wire wrap OK, or do they have to be soldered? Does the
: transmitter have to switch the scanner on/off?
: Isn't it really enough to say that the recent FCC action in question doesn't
: cover scanners?
: Bill Funk

Your comments point out how simple it really isn't. That's what judges
and juries become the final arbitors of.

Certainly the FCC action was rimarily targeted towards ham equipment
(transcievers) that included some non-ham coverage, but the FCC put
no limit on how much non-ham coverage either. Could a cop or
prosecutor make a claim that an ICOM 2SRA (2 meter FM with25MHz to
1300MHz receive) was more of a scanner than a transceiver if they
wanted too?

--
Bill Sohl K2UNK (Budd lake, New Jersey) (billsohl@planet.net)
This is my opinion and I don't care about what anyone
thinks because this is a personal internet account :-)

3632. Re: Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 04:00:55 UTC
From: Junior13@ix.netcom.com
Message-ID: <3kiuln$6ia@ixnews3.ix.netcom.com>
Source record: 259851

In <3kijtp$mc0@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>
>In article <robbino.19.00050295@primenet.com>,
>Robbin A. Olson <robbino@primenet.com> wrote:
>>This may be a ridiculous question but . . .
>>
>>I have a PRO-43. Will a discone antenna improve my reception while indoors or
>>is the stock antenna tuned to provide optimum performance?
>>
>>I am saving to buy a base scanner.
>>
>>Thanks.
>>
>>Robbin
>>
>>robbino@primenet.com
>
>
>An outdoor antenna or one in your attic will improve reception but will
>also increase intermod if you live in the city. It's a trade off, you
>will improve reception but may increase unwanted noise too. The stock
>rubber duckie is at best a compromise......Les
>
>--
>Les Butler KB8WKE "Fire Notification Network of Michigan"
>
>Detroit's First and Largest Paging Notification Network.
>
>Call (810)772-4423 For Information.
>
>lbutler@umcc.umich.edu or 72673,321@compuserve.com
>

I have a pro-37, handheld, and use a telescoping antenna that I got at Rat-shak, its much better then the rubber ducky and is still mobile.
jr.

3633. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-20 04:23:27 UTC
From: rwf@mindspring.com
Message-ID: <rwf.33.03817CDA@mindspring.com>
Source record: 259862

In article <3kc7cb$n5r@news-2.csn.net> bbaker@csn.net (Ben Baker) writes:
>From: bbaker@csn.net (Ben Baker)
>Subject: Scanner use on airplanes
>Date: 17 Mar 1995 14:46:35 GMT
>Keywords: Scanner, Airlines, monitoring

>Lately I have been hearing that some airlines are allowing scanners to be
>used while in flight as long as it is not used within 10 minutes of
>takeoff or landing.

>Has anyone heard of this and if so, what airlines permit this?

>Thanx

>Ben
>bbaker@csn.net

Yes, Ben. Delta Air Lines allows "VHF Scanning Receivers" to be used now while airborne. Of coures users must follow the other rules too (about stowing it for takeoff and landing and (I think) not using it below 10,000 ft.

I have used mine twice amd been "caught" by the Stewardii both times. They tried to make me put it away. I pointed out to them in their in-flight Mag where it says they are allowed. She took the mag up to the Captain and came back with a sheepish look on her face.

She said something to the effect of : "Sorry, go ahead and use it. They did not tell us of the change. We were taught that 'if it has an antenna, its not allowed'."

As I understand it, they are involved in a test to see if these devices interfere with nav gear on board.

Ant BTW- as I used the scanner, the plane did no nose-dives nor did it assume any strange attitudes and it didn't crash, either . :)

Ralph Fowler
N4NEQ
Atlanta, GA

3634. Pro 37 mods

Newsgroup: rec.radio.scanner
Date: 1995-03-20 04:26:43 UTC
From: dwiza@pinn.net
Message-ID: <3kj063$bl@everest.pinn.net>
Source record: 259852

I am begging, PLEADING for Pro 37 mods. I know about the cell phone mod, but are there others?

3635. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-20 05:12:57 UTC
From: brueger@infi.net
Message-ID: <3kj35a$49h@lucy.infi.net>
Source record: 259860

bberg99828@aol.com (BBerg99828) wrote:

>I used my realistic pro-37 on a plane flight to Florida.. No one said a
>thing to me.
>I had an ear phone so I din't bother anyone. Hell, how do they know what
>your using,
>CD player, walkman, etc......
>You get so many diffrent transmisions from up there. almost too many!!!!!
>just about any freq your on there is somthing.
>Bob B

Bob,

What type of plane were you on? I took my Pro-43 on board a B-727 and
all I could get was an occasional transmission for the aircraft to
ground.

I would think that reception inside the cabin would be very poor cause
after all you are inclosed in a metal tube. Seems that it would be
better if you would hold the scanner up to the window but then you
would be obvious.

Brian

Brian J. Rueger | Hampton Div. of Fire & Rescue | "Who
Medic/Firefighter | Squad-7 (Advanced Life Support) | dares
B.S.-C.J. Comm/IP/SEL | MSgt, USAF (Ret.) 49199 | wins"

QuoteMan: quote.qte

3636. Re: What's the freq, Kenneth?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 05:54:31 UTC
From: scan911@aol.com
Message-ID: <3kj5an$9to@newsbf02.news.aol.com>
Source record: 259865

From my harddrive, which is overloaded with this kind of trivia....

Subject: "Kenneth" Dan Rather Mystery Solved?
From: athena@tyrell.net (athena)
Date: Wed, 9 Nov 1994 17:57:35 GMT
Message-ID: <Cz0Hw0.B44@tyrell.net>

In the Nov. 7 issue of New York magazine, a guy who thinks he may be the real "Kenneth" comes forward to offer a possible solution to the 1986 Dan Rather "Hey Kenneth, What's the Frequency" mystery.

On October 4, 1986, Dan Rather claimed he was attacked on Park Avenue in New York by two well-dressed thugs who pummeled him about the head and kept repeating, "What's the frequency, Kenneth?" Rather has been the butt of countless "Kenneth" jokes ever since.

Now a Ken Schaffer, a Manhattan electronics expert, comes forward to say he thinks the attackers may have meant to follow him home from Columbia University's Harriman Institute for the Advanced Study of the Soviet Union,
and mistakenly followed Rather instead.

In 1986, says Ken Schaffer, both he and Rather were frequent visitors at the Harriman Institute. Rather, because he was about to go to Iceland to cover the Reagan-Gorbachev summit; and Schaffer, because in 1983 he had begun receiving fuzzy images of Russian TV on his amateur satellite getup.

(Schaffer was also the inventor of the wireless electric guitar in his late twenties, and the article claims he was a skilled ham-radio operator since age 8.)

"Within a year," says the article, Schaffer "developed a system that would track and decode the signal and filter out the city's microwave interference, all of which the satellite experts said couldn't be done."

"By 1985, Columbia students and journalists...could peer into Russian's everyday lives. (Even one of Schaffer's musical pals, Sting, spent an evening at the school watchin g a Moscow production of Porgy and Bess. Deeply moved by the experience, he composed his song "Russians" the same night.)

"Schaffer theorizes that intelligence operatives followed the wrong man--Rather instead of him--home from the Harriman institute."

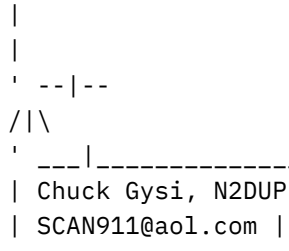
Schaffer does not claim to know whether the operatives were KGB, CIA, or what.

If Ken Schaffer is on the Net, I hope he will join the discussion. I hope I have been faithful to the article, which is on p. 24 of the Nov. 7, 1994, issue of New York. Please don't get this mixed up with the New Yorker...they are different magazines. This explanation makes sense to me,
and I have always found the "Kenneth" mystery intriguing.

Schaffer says he hasn't talked to the media about this before, because they weren't much interested. "I'm as much an observer of the idea as I am a proponent of it," Schaffer says.

--
athena@tyrell.net ...there was a beautiful white horse
I saw on a dream stage...

---------- Headers ----------
Newsgroups: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur
Path:
newsbf01.news.aol.com!newstf01.news.aol.com!uunet!spool.mu.edu!howland.reston.ans.net!news.sprintlink.net!news.tyrell.net!tyrell.net!athena
From: athena@tyrell.net (athena)
Subject: "Kenneth" Dan Rather Mystery Solved?
Message-ID: <Cz0Hw0.B44@tyrell.net>
Sender: usenet@tyrell.net (*)
Nntp-Posting-Host: tyrell.net
Organization: Tyrell Corporation - 800-TYRELL-1 - POP's in 504/816/913
X-Newsreader: TIN [version 1.2 PL2]
Date: Wed, 9 Nov 1994 17:57:35 GMT
Lines: 54
Xref: newsbf01.news.aol.com rec.radio.scanner:13157
rec.radio.shortwave:13748
rec.radio.amateur:40



Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

3637. Re: Help.PRO43.Speaker.Shot

Newsgroup: rec.radio.scanner
Date: 1995-03-20 06:03:06 UTC
From: WYZK40A@prodigy.com
Message-ID: <3kj5qq$ac4@usenetp1.news.prodigy.com>
Source record: 259853
Cross-posted to: rec.radio.scanner,alt.radio.scanner

BOB,

I HAD A SPEAKER BLOW ON MY PRO-39, RADIO SHACK REPAIRED
IT WITHIN A WEEK FOR 59.38 PLUS THEY ALSO DID A FEW OTHER MINOR TWEAKS

TOMB

3638. Re: Radio Shack Pro-46 De

Newsgroup: rec.radio.scanner
Date: 1995-03-20 06:04:00 UTC
From: rocky.theoret@undiscovered.com
Message-ID: <8A5D040.1570001DB2.uuout@undiscovered.com>
Source record: 259854

-=> Quoting R Primak to All <=-

RP> I long to rid my scanner of the hideous beep that is ever present on
RP> my 46.
RP> It is a nice scanner but cannot be concealed with the beeping always
RP> going on, unless you constantly use headphones. If anyone has a cure,
RP> post or e-mail. Thanks...

If someone decides to answer this question, please post it here in
the r.r.s. newsgroup for all. I have been wondering about this mod
also ---- thanks,

rocky.theoret@undiscovered.com

... "What?!? This isn't the Files section?!?"
___ Blue Wave/QWK v2.11

3639. ETS tag Freqs ???

Newsgroup: rec.radio.scanner
Date: 1995-03-20 06:34:32 UTC
From: mobermei@news.kn.PacBell.COM
Message-ID: <3kj7lo$ji@ohlone.kn.pacbell.com>
Source record: 259855

Does anybody know the ETS (emergency tracking system) bank tag freqs
currently in use in Southern California. Thanks in advance for any help.

send replies to mobermei@pop.rancho.cc.ca.us

3640. Re: Shadow Traffic NYC Area

Newsgroup: rec.radio.scanner
Date: 1995-03-20 06:34:59 UTC
From: marc_k@escape.com
Message-ID: <3kj7mj$c1e@beyond.escape.com>
Source record: 259856

Good Luck!
They started enquipting everything a few months ago!

3641. Re: Rabbit Range Increasing?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 06:37:40 UTC
From: marc_k@escape.com
Message-ID: <3kj7rk$c1e@beyond.escape.com>
Source record: 259857

If you pick up a Ramsey LPA-1 kit(or they have it pre-assembled), this
will give you a major boost..about 1 watt out.
This should give you the range you need.

3642. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-20 06:44:09 UTC
From: marc_k@escape.com
Message-ID: <3kj87p$c1e@beyond.escape.com>
Source record: 259858

Why is a microphone needed?...
Remember that the tuning fork is METAL...so it will reflect enough of the signal back to the unit.
Since the tuning fork is vibrating(you have to STRIKE it first), the reflected signal will vary at the frequency of the tuning fork.
As this frequency is known, all that has to be done is to look for a certain speed on the display.
Either its correct, or the radar gun goes in for recalibration.

3643. Re: Security system wireless freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 06:56:13 UTC
From: marc_k@escape.com
Message-ID: <3kj8ud$c1e@beyond.escape.com>
Source record: 259859

I'm not sure, but try around 300 Mhz.

3644. CHP radio codes

Newsgroup: rec.radio.scanner
Date: 1995-03-20 08:37:52 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3kjet0$c8k@ixnews2.ix.netcom.com>
Source record: 259864

Here are the Ca. Highway Patrol codes
10-1 Receiving Poorly 11-24 Abandoned Vehicle
10-2 Receiving Well 11-25 Traffic hazard
10-4 Acknowledge (ok) 11-26 Disabled Vehicle
10-5 Relay Message 11-41 Ambulance Required
10-6 Busy 11-44 Coroner's Case
10-7 Out of Service 11-48 Furnish Transportation
10-8 In Service 11-51 Helicopter Landing
10-9 Repeat last message 11-71 Fire
10-10 Off duty 11-79 Accident-Ambulance Sent
10-11 Identify mobile call sign 11-80 Accident-Serious injury
10-14 Provide Escort 11-81 Accident-Minor injury
10-15 Prisoner in Custody 11-82 Accident-Non-injury
10-17 Relay Papers, supplies, etc. 11-83 Accident-No Details
10-19 Return to Station 11-84 Direct Traffic
10-20 What is you location? 11-85 Request Tow Truck
10-21 Telephone 11-98 Meet the officer
10-21A Telephone your home
10-28 Vehicle Registration check
10-29 Check for wants
10-36 Confidential information
10-37 What time it it?
10-39 Message or item delivered
10-97 Arrived at scene.
10-98 Finished last detail

This list was complied about 3 years ago so some things might have changed, but it should give you some idea of what's going on.

I also have the regional codes for San Diego County and many other things in Southern cal. Hope this helps.

3645. Re: Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 08:43:56 UTC
From: compusa307@aol.com
Message-ID: <3kjf8c$bm3@newsbf02.news.aol.com>
Source record: 259866

>Robbin A. Olson <robbino@primenet.com> wrote:
>>This may be a ridiculous question but . . .
>>
>>I have a PRO-43. Will a discone antenna improve my reception while
indoors or
>>is the stock antenna tuned to provide optimum performance?
>>
>>I am saving to buy a base scanner.
>>
>>Thanks.

I have a PRO-43 and a RS Discone on the roof, I use to roof antenna to enhance my reception of military aircraft and other weak signals. I use the stock rubber antenna for the local fire, police and other strong signals. I can't use the discone for VHF-HI band because of intermod. from a local cab Co. and a paging transmitter, both only one block away. I think the addition of the discone was well worth the money and the time. Thanks, Steve Ralston Escondido, CA.

3646. Re: Scanner Law (chart) == Personal Apology

Newsgroup: rec.radio.scanner
Date: 1995-03-20 11:04:32 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.164.000B13AD@ccm.hf.intel.com>
Source record: 259783

In article <3kk9in$iuo@vixen.cso.uiuc.edu> folson@prairienet.org (Fran Olson) writes:
> =
> = This is my personal apology if I have made anyone uneasy of =
> = my SCANNER LAW (chart) that I had posted on this world wide =
> = net. =
> = =
> = I had been asked to post it on here, and thats why I did it.=
> = According to all of the aftermath I have seen on here do to =
> = the SCANNER LAW (chart),I did remove my postings and I have =
> = no intentions of posting here again. =
> = =
> = Sorry to those who appreciated my personal help and also =
> = appreciated the chart for updates. Fran O. =
> =

I think you are beeing too hard on yourself.

I must have missed the messages that gave you a bad time about posting the
scanner law chart, but I think this would be useful to many people. I see
messages almost every day from people who want to know what is legal and what
is not in the different states.

If it was the people in other countries that complained about the world
distribution of information, then just choose USA for distribution next time.
There is tons of traffic that gets world distribution that should be USA only.
To single your posting out is a bit rediculous. Besides, people comming to
the USA from other countries with their scanners may need this info.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3647. Re: BC3000XLT questions

Newsgroup: rec.radio.scanner
Date: 1995-03-20 11:11:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.165.000B30D9@ccm.hf.intel.com>
Source record: 259784

In article <3khq1p$fr6@westie.mid.net> bodoh@dakota.net (Tom Bodoh) writes:

>I notice that the BC3000XLT does not come with a case. I do
>not like to use radios without a case and am wondering whether
>the 2500 came with one and whether it would fit. I do not like
>generic 'pouches' as they are not 'form fitted' as custom ones
>are and don't have cutouts in the proper places.

The 2500 and 3000 are the same size (same case), and the 2500 did (does) come
with a thick vinyl case, standard.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3648. Re: Question to all about scanning

Newsgroup: rec.radio.scanner
Date: 1995-03-20 12:53:54 UTC
From: n2lak@news.dorsai.org
Message-ID: <D5qp5v.18w@dorsai.org>
Source record: 259867

christopher forrest (cforrest@netaccess.on.ca) wrote:
: Hi everyone,

: I am an experienced shortwave listener and have never had a scanner.
: I'm curious, but I don't really know what I would be getting. I'd
: really appreciate the input of some people on this newsgroup who have
: experience with scanning. What sort of things can I expect to pick up
: with a scanner? I understand there are a lot of unility stations like
: police and fire, and also some Hams on 2 metres, but what else is out
: there on scanners? The scanner I am thinking of getting is an RS 2030.
: The range is from 30 - 960 MHz. I live in the Southern Ontario region.

: I would really appreciate your help.
Hi Chris!
Hello to a fellow SWLer, as well. Scanning is great. I live in the NYC
metro area. So sometimes, even a 400 channel scanner is not sufficient.
In some parts of the US, a fifty channel scanner may do just as well.
I'm sure that the same applies to your area.
Go to your local library and see if you can find copies of Monitoring Times
and Popular Communications. They both have excellent scanning articles,
SWL too!
Possible services to hear are:
Public utilities - electric, telephone
Taxis, oil companies, cordless phones, air phones, paging systems
Weather stations, Ham radio, government, ambulance, police, coast guard,
commercial fishing, rail road, TV and radio comms, construction crews
Satellite and spacecraft..... and the list goes on.
Good luck and good listening!
Dave HInes N2LAK

: If any of you have any questions about SW stations or which portable SW
: receiver to buy, I have a fair bit of experience, so could help you
: out.

: --chris forrest

3649. Re: Help; Marymac/R.Shack

Newsgroup: rec.radio.scanner
Date: 1995-03-20 13:48:18 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3kk4pf$kdj@newshost.lanl.gov>
Source record: 259868

Try US Radio they compete with Marymac on price and I have
found the service and stock a bit better 1-800-433-7283

3650. Re: Help.PRO43.Speaker.Shot

Newsgroup: rec.radio.scanner
Date: 1995-03-20 14:10:37 UTC
From: wired@genes.pl.my
Message-ID: <795708637.64snx@genes.pl.my>
Source record: 259869

> I HAD A SPEAKER BLOW ON MY PRO-39, RADIO SHACK REPAIRED
> IT WITHIN A WEEK FOR 59.38 PLUS THEY ALSO DID A FEW OTHER MINOR TWEAKS

Sixty bucks for a speaker?!
Gold-plated, is it? :)

3651. Re: Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-20 14:22:11 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.166.000E5F15@ccm.hf.intel.com>
Source record: 259794

In article <3k9uol$6jn@clarknet.clark.net> jcosiman@clark.net (JMConsulting) writes:
>Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:

>: Rather than getting into gory details here, anyone in the midwest (Missouri,
>: Illinois, Indiana, Ohio areas) who does this, please feel free to
>: email me for discussion. Others who listen in other areas and have noticed
>: any similar upsurge in the last month may also feel free to email
>: me.

>: I *do* think it is a discussion best kept OUT of the newsgroup.

>I don't want to get into any flame wars or anything, but this is the sort
>of this I /want/ to see in r.r.s. I get sick and tired of post after post
>asking for freqs and mods. For chrissake, go to oak.oakland.edu or get
>Bill Cheek's books. Buy Police Call. Whatever. I think this is what the
>group needs.

I think this comment was aimed at the issue of national security more than
anything. I do not think it would be proper to post real-time movements of
the military on the internet. Even with limited distribution, other countries
can just use dialup access to get messages with USA distribution.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3652. Re: A bc2500 what is it?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 14:23:57 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.167.000E66A3@ccm.hf.intel.com>
Source record: 259795

In article <3khnrq$12c6@usenetw1.news.prodigy.com> CJBX37A@prodigy.com (Gary Schmidt) writes:

>Yes, the BC2500XLT handheld receives 800 MHz, but it has been replaced by
>the BC3000XLT, which has the following freq ranges:

>25.000 - 549.9500 MHz 760.000 - 1300.0000 MHz

>This is also a handheld, 400 channels. Costs about $400.

...which has been replaced by the improved BC3000XLT.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3653. Re: Tone Readers

Newsgroup: rec.radio.scanner
Date: 1995-03-20 14:41:54 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.168.000EB338@ccm.hf.intel.com>
Source record: 259796
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <seguine-1503951102550001@slip167.sirius.com> seguine@sirius.com (Chris) writes:
>I've decided to get a tone reader to compliment my AOR8000. The two I've
>narrowed it down to are the Opto DC440 and the Universal M-400. The opto
>is cheaper and decodes CTCSS, DCS, and DTMF. I know what that stuff is
>and thats pretty much what I was looking for. The M-400 does that plus
>all this other junk: Baudot, Sitor, Swed, Fec-a, pocsag, golay, acars,
>etc. What is all that? The only ones I've heard of are pocsag/golay -
>aren't these pager standards?
>The m-400 is a little more $$ and a little bigger so I'm trying to find
>out if any of those other protocols are worthwhile. Thanks for the info.

Yes, Pocsag and Golay are pager standards.

One advantage the 440 has over the 400, is that the 400 only has a parallel port to send the data out to your printer. There isn't an easy way to feed the data to your computer. OTOH, the 440 has a serial connection to feed to your computer (although it is TTL output, so a converter is needed).
Most of the other modes, excluding ACARS, is for the shortwave bands, and I doubt the AR8000 would produce very good results in these modes. ACARS is used for VHF aircraft communications (although you probably won't see too much exciting on the ACARS communications).

Another advantage is that scanner control software like ScanStar, which will control the AR8000, can also control the 440.

A pragmatic view would be to get the DC440 since pagers and ACARS are boring, and you may never use the other modes on the shortwave bands.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3654. Need interesting freqs for Denver, CO.

Newsgroup: rec.radio.scanner
Date: 1995-03-20 15:14:12 UTC
From: sorrell@encmail.encompass.com
Message-ID: <1995Mar20.151417.9939@glv.cen.encompass.com>
Source record: 259870

I will be in Denver next week for a training class and had planned on taking me scanner to kill some time. If anyone has any interesting frequencies for that area I would appreciate them.

Todd G. Sorrell
Production DBA
Encompass
(919) 460-3264

3655. Whatever happened to that Shuttle repeater list?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 15:14:25 UTC
From: sorrell@encmail.encompass.com
Message-ID: <1995Mar20.151426.10017@glv.cen.encompass.com>
Source record: 259871

About a week or so ago I read a post from someone that said they had a full list of shuttle repeater freqs for the entire nation. I have since seen a couple of posts asking where it was. Are we being teased. I sure would hate to be known as a scanner tease. That list would sure be nice to have. I would at least like to know the shuttle repeater freq for the Raleigh, NC area. Thanks in advance.

Todd G. Sorrell
Production DBA
Encompass
(919) 460-3264

3656. Re: Damn pagers!!

Newsgroup: rec.radio.scanner
Date: 1995-03-20 16:09:33 UTC
From: rdcole@crl.com
Message-ID: <3kk9bt$1rf@crl2.crl.com>
Source record: 259872

Duncan (dpfg@ukc.ac.uk) wrote:
: On a slightly different topic, but with the same need to receive signals
: anywhere with poor aerials,

: how powerful are cellular phone bases?

Normaly 100w ERP. Special sites fill in's and sectors will be lower in
power.

Ron

3657. Re: PRO-2026 Tricks?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 16:14:09 UTC
From: rrustin@robins.af.mil
Message-ID: <3kk9kh$c6v@wrdis02.robins.af.mil>
Source record: 259873

Thanks for the reply from previous post. I tried to reply via E-mail to answer your question but it bounced. If you would send me your address I'll try again.

Randy

3658. CB Radio

Newsgroup: rec.radio.scanner
Date: 1995-03-20 16:18:10 UTC
From: ao936@yfn.ysu.edu
Message-ID: <3kk9s2$83q@news.ysu.edu>
Source record: 259874

Does anyone know of a CB that:

Can scan all 40 channels and stop at one in-use

Has a lock-out feature that will allow the user to lock out unwanted channels

Is easily moved from car to car

TIA.

Email replies only please.

Regards,

Tim White

3659. Re: Security system wireless freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 16:22:41 UTC
From: rdcole@crl.com
Message-ID: <3kka4h$25a@crl2.crl.com>
Source record: 259775

an211263@anon.penet.fi wrote:
: I have an alarm system by Ademco which utilizes wireless transmitters for
: door switches and a wireless keypad. The wireless keypad has an antenna
: which looks to be about 2 1/2 inches tall. I tried to use a frequency
: counter to determine the frequency of the transmitter, but cannot get a
: good reading. The transmissions are either too short or the cellular
: site outside overpowers the counter.

: If anyone knows the frequency (or a range) that I might try receiving
: these transmitters on, please send email.

Most alarms are in the 300 to 500 Mhz range and the transmissions are
very short. I doubut you will ever locate them with a frequency counter.

Try a service monitor or Spectrum Analizer.

Ron

3660. Re: GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-20 16:51:42 UTC
From: kk4l@vnet.ibm.com
Message-ID: <3kkbquINNh2o@afshub.boulder.ibm.com>
Source record: 259776

In <3kibb6$43r@news.bu.edu>, tom@engc.bu.edu (Thomas P. Skinner) writes:
>Anyone have any experience with GPS receivers? I am interested in the
>Icom GP-22 as I have numerous pieces of Icom ham gear and I think they
>build quality equipment.
>
>For those not in the know, GPS stands for global positioning system,
>and it uses satellites rather than ground based transmitters such as
>for loran.
>
>Thomas P. Skinner
>W1GAB
>

I have an ICOM GP-22. It lied to me in the Colorado high country and
it took us (my 25 yr. old son and I) 3 days to find the truck.
I have talked to Icom service and they claim that I should have
done an "almanac" in the location that I was using the receiver.
According to the instructions, accuracy is not why one does an
almanac. There is an outfit in Kansas whose name I've forgotten
but it's something like Cerwin, who has been working with the
FAA on putting GPS into aircraft. They have what LOOKS like a
much better receiver. Their product is advertised in the latest
Cabellas catalog. They use an 8 channel receiver and there is a
display mode that shows signal strengths. I think my problem
was due to multi-path distortion, but I can't prove it. I tested
the receiver in another location (still in the mountains) and when
I moved 50 feet, it told me that I had moved 8 miles.

I'm going to forget that I paid $750 for the ICOM and go buy one
of the new ones ($499 I think) before I stray too far from a
marked trail, or stream bed, again.

Ken D. - KK4L

3661. Pro-41 Mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 17:05:10 UTC
From: blshaw@lamar.ColoState.EDU
Message-ID: <3kkck6$38rl@lamar.ColoState.EDU>
Source record: 259777

Hello all. I posted this question about a month ago, but received no responses, so I thought I would try again.

I have a Radio Shack Pro-41 that I picked up for $50 as a closeout. It is limited, but it was still a pretty good deal. It is a 10 channel direct entry scanner, with no seek mode (:-().

I have checked the FAQ and the FTP sites, and cannot find any modifications for this particular model. Does anyone know if there are any simple mods that can be made to it? I would like to be able to receive the aircraft band and/or the 800 MHz band.

Any ideas?

==
BRENT L. SHAW, Capt, USAF | Work Phone: (303) 491-8540
Dept. of Atmospheric Science | E-mail: shaw@entropy.atmos.colostate.edu
Colorado State University | blshaw@lamar.colostate.edu
Fort Collins, CO 80523 |
==

3662. Re: alfanumeric scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-20 17:44:29 UTC
From: harald@vestnett.no
Message-ID: <zxRRlm6-psf2079yn@vestnett.no>
Source record: 259778

In article <999_9503181929@chigate.fidonet.org>,
Jerry.Smith@precision.chigate.com (Jerry Smith) wrote:
> -=> Quoting Harald@vestnett.no to All <=-
>
> Ha> I am looking for an alfanumeric scanner. Is there anyone out there
> Ha> who can tell me any good solution and perhaps some prices?
>
> Hi, Harald...
>
> Well, there are several...though only Uniden makes them, I believe.
> (Maybe AOR, but no knowledge of them.) The 8500 and 9000 XLT units are
> base scanners and have the ability to put alphanumeric characters in 250 of
> the 500 channels available. They run approx. $400 give or take. If you
> decide on one of these, get the 9000. Too many problems with the 8500 and
> the bugs were worked out in the 9000 version.
>
Thanks for the advice.

harald

3663. Re: Indy car freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 18:26:20 UTC
From: ryansean@ix.netcom.com
Message-ID: <3kkhcc$jf5@ixnews3.ix.netcom.com>
Source record: 259779

In <mleslie-1703950930040001@ts1-ind-26.iquest.net> mleslie@iquest.net (Mark Leslie) writes:

>
>Anyone have this years freqs. for the Indy car teams? May is practically
>right around the corner and I want to be ready for the first weekend of
>quals...
>
>Mark
>
>*_*
>27th Floor Productions \ "I dreamed I had to take a test
> Mark & Nancy Leslie / in a Dairy Queen on another
> email:mleslie@iquest.net \ planet." - Laurie Anderson

>*_*
>

95 at http://www.eng.hawaii.edu/contrib/carina/index/ra.indy.htm/

3664. Re: Help; Marymac/R.Shack

Newsgroup: rec.radio.scanner
Date: 1995-03-20 18:46:44 UTC
From: Paul Carlson <pcarlso@pit.legent.com>
Message-ID: <3kkiik$e40@booch.legent.com>
Source record: 259780

I've been very pleased with another similar supplier, Fort Worth Computers.
Their number is 800 433-7283. They have RS scanners and other RS stuff.

3665. BC200xlt updated mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 18:55:41 UTC
From: escape@sylvester.cc.utexas.edu
Message-ID: <3kkj3d$bl9@sylvester.cc.utexas.edu>
Source record: 259781

After opening up my BC200xlt and attempting to restore cellular freqs, I was met with the fact that my chip was slightly different than the one in the mod (I believe there is an "A" appended at the end of the serial #) as well as the fact that the components I was supposed to cut were not there, or had been moved. Does anyone have an update to this mod? None of the other mods seemed to help either, the battery extender mod didn't help either, although it looked a lot less different that the cellular mod.

thanks,
mike

--
|-- | http://www.paranoia.com/~escape/
|- scape@ccwf.cc.utexas.edu |---
|-- | You see things as they are and ask, "Why?"
------------------------------| I dream things that aren't and ask, "Why not?"

3666. Re: BC200LXT Memory Erase Key Sequence?

Newsgroup: rec.radio.scanner
Date: 1995-03-20 19:02:34 UTC
From: kcb@post.its.mcw.edu
Message-ID: <3kkjga$jld@post.its.mcw.edu>
Source record: 259782

Ben Hernandez (ben.hernandez@macsch.com) wrote:

: >press and *HOLD* the L/O (lockout) button until you hear the
: >TWO-BEEP confirmation. (just like the keyboard lock button works).

: You have this radio confused with the BC2500XLT. There is NO beep on the
: BC200XLT! And there is NO way to remove all channel lockouts.

I have the bc220xlt. I thought they were similar enough so that
this would be the same. I *wish* I had the 2500... :-)

--

Kent C. Brodie - Sr. Systems/Network Manager brodie@post.its.mcw.edu
Information Technology Systems
Medical College of Wisconsin (414) 456-5080

3667. Antenna//CORDLESS PHONE//help sought

Newsgroup: rec.radio.scanner
Date: 1995-03-20 19:39:16 UTC
From: Bishwa Shrestha <bishwa@rodeo.uwyo.edu>
Message-ID: <Pine.ULT.3.91.950320123155.21819C-100000@rodeo.uwyo.edu>
Source record: 259785

I have recently used a long wire antenna (actually the same one for SW) and hooked up into the PRO-39 with the alligator clip and the paper clip. The improvement on all the cordless channels were dramatic, I mean dramatic!! However, I am having a problem on some faint signals which are being interfered by other phone on the same channel. Tried rotating the antenna but did not help. Is there any way to build the antenna that has a direction sensitivity? Since I live in the college apartment with 5 apartments nearby, all the channels are busy most of the time.

Thank you in advance.

Bishwa Shrestha, KC7JFV
Laramie, Wyoming.

3668. Re: GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-20 19:46:31 UTC
From: warren@bluesky.com
Message-ID: <3kkm2n$731@remus.reed.edu>
Source record: 259786

In article <3kibb6$43r@news.bu.edu>
tom@engc.bu.edu (Thomas P. Skinner) writes:

> Anyone have any experience with GPS receivers?

Check out sci.geo.satellite-nav. Lots of good discussion there.

Warren Leach, Cruise Director
Blue Sky Research, Portland, Oregon
warren@bluesky.com

3669. WTB: PRO 2026

Newsgroup: rec.radio.scanner
Date: 1995-03-20 20:16:32 UTC
From: creal@cs.buffalo.edu
Message-ID: <3kknr0$msj@azure.acsu.buffalo.edu>
Source record: 259787
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Subject line says it all. Please email details.

Cheers,

Rich Creal

3670. Re: SCANNER LAW (chart)

Newsgroup: rec.radio.scanner
Date: 1995-03-20 20:23:02 UTC
From: delaney@j51.com
Message-ID: <3kko76$420@tzlink.j51.com>
Source record: 259788

By "Legal-Ham Mobile Scanners" do you mean ham rigs that can pick up
beyond the ham bands. Or (being a ham) does that mean I can have JUST a
scanner (like a bearcat or something) it my car?

Thanks

Fran Olson (folson@prairienet.org) in article ve <3kbupl$bn9@vixen.cso.uiuc.edu> on 17 Mar
1995 12:20:05 GMT wrote:

```
: ========================================================================
: Mobile Scanners and Radar Detectors following states. (IPB - WB9ULS)
: (For Smaller vehicles, not commercial vehicles) (Mar. 17, 1995)
: (If any changes that you know about.. E-mail--> folson@prairienet.org
: ========================================================================
: LEGAL LEGAL LEGAL-HAM
: RADAR MOBILE MOBILE
: UNITED STATES DETECTORS SCANNERS SCANNERS
: -------------------- --------- --------- ---------
: NEW YORK.............. YES...... YES...... YES......
```

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

3671. HELP!!! SCANNER ADVICE NEEDED!!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-20 20:24:41 UTC
From: Hani_Zaki@brown.edu
Message-ID: <Hani_Zaki.70.001C77A5@brown.edu>
Source record: 259658

Everybody here seems more qualified than I am, so I would appreciate any advice that can be passed along...

I am shopping around for a hand-held, continous band scanner. I've heard good things about the new AOR AR-8000 and the Yupiteru MVT7100.

Does anyone here have any recommendations? Which is better? Reliability of the AOR, etc? Also, what are good prices for this equipment (I just don't want to be taken). Any stores recommended??

Please respond via e-mail. Any info that is passed along will be greatly appreciated!!! Thanks!!

3672. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-20 21:06:38 UTC
From: glm@xmission.com
Message-ID: <3kkr6g$miv@news.xmission.com>
Source record: 259789

In article <3khk62$d1c@roch0.eznet.net>, D Stark <dstark@eznet.net>
wrote:
>Here are a couple of "mystery" callsigns heard on UHF aero
>freqs near the US/Canada border in NY state.
>
>BANDSAW OMEGA

The BANDSAW callsigns are E-3B's from the 552nd AWC, Tinker AFB

>NORTHERN LIGHTS

I show this one as ACC radar intercept in Houston or
NE Air Intercept Cround Cntl, Tyndall AFB, FL
though neither one makes much sense for where you heard it. Do you
have any more info?

-Gary
glm@xmission.com -Salt Lake City, Utah USA-

~!

3673. Re: using of cordless phone

Newsgroup: rec.radio.scanner
Date: 1995-03-20 21:07:46 UTC
From: jqtaylor@boi.hp.com
Message-ID: <D5rC0z.2sG@boi.hp.com>
Source record: 259790

Gordon Nodrog (gordon@metronet.com) wrote:

: ...
: So Go land line or be monitored! (not by me...)

what makes everyone so confident in the security of land-line phones?
my advice is to assume that everything we say, probably even everything
we think, is being monitored.

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 7) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 852 \ \ \ _\/
_\/
"When in doubt, do as doubters do."

3674. DISNEY 1 OF 2

Newsgroup: rec.radio.scanner
Date: 1995-03-20 21:35:00 UTC
From: Bob.Kozlarek@f593.n107.z1.fidonet.org
Message-ID: <a49_9503211401@nisc.fidonet.org>
Source record: 259815

List updated 3-17-95
OK, Guys, I goofed and forgot to split the list in two!
Here part 1 of 2

Orlando Frequencies Sorted By Location

464.825 Altamonte Mall

157.740 Buena Vista Hotel / Staff Paging
158.460 Buena Vista Palace Paging
461.700 Buena Vista Construction
464.425 Buena Vista Palace Hotel

461.7125 Busch Gardens - Tampa
462.0875 Busch Gardens - Tampa

461.250 Central Florida Fair
155.370 City of Bay Lake P.D. Intersystem
464.050 Comfort Inn @ Kissimmee
464.675 Contemporary Hotel

460.650 Delta Air @ Orlando Int'l
460.825 Delta Air @ Orlando Int'l
460.875 Delta Air @ Orlando Int'l

204.850 EPCOT - Character Greeting Audio
207.600 EPCOT - Character Greeting Audio
462.550 EPCOT - "Opr F1" Entr / Adm / Staff Paging
462.575 EPCOT - Monorail "Opr F2" Travel Ctr
462.625 EPCOT - "Opr F3" Tech Dispatch / Land Trans
462.650 EPCOT - "Operation 1"
463.675 EPCOT - Trouble Dispatch Techs
463.750 EPCOT - "Hailing" (Security) "Security 3"
463.975 EPCOT - "Custodial Base" - Data Control Repair
464.125 EPCOT - "Hailing"
464.500 EPCOT - "Entertainment 4"
464.9375 EPCOT - "Entertainment 3"
469.3375 EPCOT - "E Stops Attractions"
484.175 EPCOT - "Operations"
484.350 EPCOT - Opr / Security
484.375 EPCOT - Maintenance

154.625 Hilton Hotel (KNGU357)
464.525 Hilton Hotel @ WDW (KNGQ730)
464.100 Hyatt Hotel

151.200 Lake Buena Vista Emergency
151.655 Lake Buena Vista Construction
462.625 Lake Buena Vista Water Transports

148.100 MGM - Great Movie Ride "E Stop"
461.600 MGM Studio - "Operations 5"
461.700 MGM Studio Operations
462.550 MGM Operations
463.750 MGM - "Hailing" (Security) "Security 3"
464.600 MGM Studio - "Operations"
464.800 MGM Studio - "Maintenance 3"

462.050 Mariot Hotels
464.975 Mariott World Center Security
462.575 Monorail (WDW)
151.745 "Mystery Fun House"
162.475 NOAA Weather Orlando (KIH63)
463.000 Orange Vista Hospital

118.450 Orlando Int'l Air. (Tower)
119.400 Orlando Int's Air. (APP/DEP)
120.150 Orlando Int'l Air. (APP/DEP)
121.100 Orlando Int'l Air. (APP/DEP)
121.250 Orlando Int'l Air. (ATIS)
121.800 Orlando Int'l Air - Ground Ctl
122.950 Orlando Int'l Air. (Unicom)
123.850 Orlando Int'l Air. (APP/DEP) Secondary
124.300 Orlando Int'l Airport (Tower)
124.800 Orlando Int'l Air. (APP/DEP)
125.550 Orlando Int'l Air. (APP/DEP) Secondary
134.050 Orlando Int'l Air. (APP/DEP) Secondary
134.700 Orlando Int'l Air - CLNC DEL
135.300 Orlando Int'l Air. (APP/DEP)
460.600 Orlando Int'l Air - Fire Dept.
462.700 Orlando Int'l Air. Operations
462.175 Orlando Tour Lines

151.925 Quality Inn
463.575 Ramada Inn @ WDW

154.430 Reedy Creek F.D.
453.475 Reedy Creek
453.825 Reedy Creek Rescue (Daily Check @ 08:30)
462.400 Reedy Creek "Bay Lake System"
462.475 Reedy Creek Utility District Energy Services
852.3625 Reedy Creek Trunked Public Safety Sys (WNRU709)
852.7375 Reedy Creek Trunked Public Safety Sys
853.7125 Reedy Creek Trunked Public Safety Sys
854.3375 Reedy Creek Trunked Public Safety Sys

151.865 Royal Plaza Hotel
463.050 Sand Lake Hospital

151.755 Sea World
151.805 Sea World
154.515 Sea World
154.540 Sea World
154.600 Sea World
460.000 Sea World
461.100 Sea World - Park Operations
461.675 Sea World
461.775 Sea World
461.850 Sea World
462.000 Sea World
462.0125 Sea World
463.325 Sea World (Security)
463.5625 Sea World
463.825 Sea World
463.9125 Sea World
463.950 Sea World
464.0375 Sea World
464.0875 Sea World
464.100 Sea World
464.2125 Sea World
464.2875 Sea World
464.3375 Sea World
464.3875 Sea World
464.4375 Sea World
464.4875 Sea World
464.6625 Sea World
464.725 Sea World
464.750 Sea World
464.775 Sea World
464.825 Sea World
464.875 Sea World
465.000 Sea World
467.1375 Sea World
467.8375 Sea World
485.025 Sea World - Operations
957.050 Sea World
959.350 Sea World

464.425 "Stars Hall Of Fame"
460.675 TWA @ Orlando Int'l
151.655 Travelodge Int'l
460.725 United Air @ Orlando Int'l

BOB KOZLAREK

* Evaluation copy of Silver Xpress. Day # 284
* Silver Xpress V4.01

3675. DISNEY 2 OF 2

Newsgroup: rec.radio.scanner
Date: 1995-03-20 21:35:00 UTC
From: Bob.Kozlarek@f593.n107.z1.fidonet.org
Message-ID: <a4a_9503211401@nisc.fidonet.org>
Source record: 259816

List updated 3-17-95
List 2 of 2
Orlando Frequencies Sorted By Location

451.750 Universal Studio
461.2875 Universal Studio
461.8875 Universal Studio
462.925 Universal Studio
463.3875 Universal Studio
463.5875 Universal Studio
463.6125 Universal Studio
463.6375 Universal Studio
463.6625 Universal Studio
463.7125 Universal Studio
463.9375 Universal Studio
464.1375 Universal Studio
464.2125 Universal Studio

123.050 WDW - Aircraft Operations
147.300 WDW - WR4AMG Amateur Repeater
151.655 WDW - "Space Mountain", River Boats, Studio Tram (KJU650)
151.895 WDW - 20,000 Leagues Submarines
154.4787 WDW - Electric Water Parade Telemetry
154.625 WDW - Hilton Hotel @ WDW
154.740 WDW - Paging (KRW819)
158.100 WDW - Vista United Guest Rental Pagers
173.225 WDW - Disney "Country Wide Freq"
173.275 WDW - Disney "Country Wide Freq"
173.325 WDW - Disney "Country Wide Freq"
173.375 WDW - Disney "Country Wide Freq"
204.600 WDW - EPCOT Character Greeting Audio
206.000 WDW - EPCOT Parade Audio
206.300 WDW - EPCOT Parade Wireless Mics
206.625 WDW - EPCOT Parade Wireless Mics
206.975 WDW - EPCOT Parade Wireless Mics
207.350 WDW - EPCOT Parade Wireless Mics
207.750 WDW - EPCOT Parade Wireless Mics
208.175 WDW - EPCOT Parade Wireless Mics
208.625 WDW - EPCOT Parade Wireless Mics
208.905 WDW - EPCOT Parade Wireless Mics
208.950 WDW - EPCOT Parade Wireless Mics
209.100 WDW - EPCOT Parade Wireless Mics
210.125 WDW - EPCOT Parade Wireless Mics
211.850 WDW - EPCOT Parade Wireless Mics
212.475 WDW - EPCOT Parade Wireless Mics

442.000 WDW - WA4ABQ Amateur Repeater (+5 mhz)
443.400 WDW - WR4AMG Amateur Repeater (+5 mhz)
450.0625 WDW - Wireless Mics
450.1875 WDW - Wireless Mics
450.3125 WDW - Wireless Mics
450.4375 WDW - Wireless Mics
451.500 WDW - "VUT" Usage / Acronym Unknown
452.650 WDW - "Cash Control"- Wells Fargo Trucks
452.700 WDW - Trans to Magic Kingdom
453.825 WDW - Operations (Input 458.825)
453.875 WDW - Fire Dept "F1" or "FD1"
453.925 WDW - Fire Dept "F2" or "FD2"
461.100 WDW - "Cypress Walk"
461.300 WDW - "Entertainment 2" Parade Coordination
461.3375 WDW - "Warehouse 1"
461.600 WDW - "Operations 5"
461.700 WDW - "STEP" Used for fireworks
461.875 WDW - Grosh Scenic Studios
461.900 WDW - "Double Dekka Lines"
461.9125 WDW - "Warehouse 2"
462.550 WDW - "OPS 1" Staff Paging (KAA8207)
462.625 WDW - "OPS3" "F1" / Ft Wilderness / Maint."F2"
462.650 WDW - Maint "F1" / Opr / Paging / Show Control (KAA8101)
462.675 WDW - Buena Vista District / Maint "F2" (MOST ACTIVE!)
462.775 WDW - Digital Voice Paging (WYT220)
462.850 WDW - Voice Paging (WZL392)
463.750 WDW - "Hailing" (Security) "Security 3" (WZL393)
463.975 WDW - "Custodial Base" - Data Control Repair (KUR462)
464.0625 WDW - "People Finder"
464.075 WDW - Use Unknown
464.125 WDW - Security CH 1/F2 "Locksmith"
464.200 WDW - "Resorts 1" Ft Wilderness / Disney Inn
464.200 WDW - Contemporary Hotel / Waterway Security
464.375 WDW - "Cypress Walk"
464.400 WDW - "F1" Travel Center Security / Parking (KUL487)
464.500 WDW - "Entertainment 4"
464.600 WDW - "Operations"
464.625 WDW - Magic Kingdom Maintenance
464.7375 WDW - Golf Course
464.7675 WDW - "White Telephones"
464.800 WDW - "Maintenance 3"
464.9375 WDW - "Entertainment 3"
467.250 WDW - Use Unknown
467.575 WDW - Monorail
468.8125 WDW - "Point of Sales Systems"
469.200 WDW - "Water Craft"
469.3375 WDW - "E-Stops Attractions"
475.575 WDW - "Pleasure Island"
483.000 WDW - Daily Opr / Parade
484.325 WDW - Busses / Boats - Trans.

484.350 WDW - Security / Operations
484.375 WDW - Maint.
486.100 WDW - Security
851.3125 WDW - Operations
851.5625 WDW - Operations
851.8875 WDW - Operations
852.1875 WDW - Operations
852.3625 WDW - Public Safety
852.4125 WDW - Operations
852.5625 WDW - Operations
852.7375 WDW - Public Safety
852.8125 WDW - Operations
853.7125 WDW - Public Safety
855.1875 WDW - Operations
855.6875 WDW - Operations
855.7875 WDW - Operations
855.8125 WDW - Operations
855.8875 WDW - Operations
855.9875 WDW - Operations
856.8125 WDW - Operations
856.9125 WDW - Operations
856.7875 WDW - Operations
857.1625 WDW - Operations
857.1875 WDW - Operations
857.7875 WDW - Operations
857.8125 WDW - Operations
858.0375 WDW - Operations
858.7875 WDW - Operations
858.8125 WDW - Operations
859.7875 WDW - Digital Trunking Data
859.8125 WDW - Operations
860.7875 WDW - Usage Unknown?
915.000 WDW (WPBT287)

BOB KOZLAREK

* Evaluation copy of Silver Xpress. Day # 284
* Silver Xpress V4.01

3676. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-20 22:02:51 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3kku2b$ej1@roch0.eznet.net>
Source record: 259791

glm@xmission.com (Gary Moncur) wrote:
>
> In article <3khk62$d1c@roch0.eznet.net>, D Stark <dstark@eznet.net>
> wrote:
> >Here are a couple of "mystery" callsigns heard on UHF aero
> >freqs near the US/Canada border in NY state.
> >
> >BANDSAW OMEGA
>
> The BANDSAW callsigns are E-3B's from the 552nd AWC, Tinker AFB
>
> >NORTHERN LIGHTS
>
> I show this one as ACC radar intercept in Houston or
> NE Air Intercept Cround Cntl, Tyndall AFB, FL
> though neither one makes much sense for where you heard it. Do you
> have any more info?

At the time, NORTHERN LIGHTS and BANDSAW OMEGA were working
each other on 364.2 MHz. This bears out the likelihood that I was
hearing NORAD traffic.

Also, the NE NORAD center is at Griffiss AFB in Rome, NY.

3677. Re: Antenna//CORDLESS PHONE//help sought

Newsgroup: rec.radio.scanner
Date: 1995-03-20 22:13:01 UTC
From: horak@convex.com
Message-ID: <3kkuld$cvc@eugene.convex.com>
Source record: 259792

In <Pine.ULT.3.91.950320123155.21819C-100000@rodeo.uwyo.edu> Bishwa Shrestha <bishwa@rodeo.uwyo.edu> writes:

>I have recently used a long wire antenna (actually the same one for SW) >and hooked up into the PRO-39 with the alligator clip and the paper >clip. The improvement on all the cordless channels were dramatic, I mean >dramatic!! However, I am having a problem on some faint signals which >are being interfered by other phone on the same channel. Tried rotating >the antenna but did not help. Is there any way to build the antenna that >has a direction sensitivity? Since I live in the college apartment with >5 apartments nearby, all the channels are busy most of the time.

An option that works nice on low band is the VHF dipole that RS sells for TV sets (15-235 on page 104 of 1995 catalog). You can get the 300 to 75 ohm adapter (15-1253 on page 107) and the F to BNC adapter (278-251 on page 109) and you're in business. The antenna opens up to 8 feet (about 65 MHz wavelength) and works great for the 30-54 band. You can shorten the dipole length for higher freqs. I've found it to be VERY directional on VHF freqs and useful for direction finding on those interesting cordless freqs :-)

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3678. Help my 2006 Lo\Review Keypad Died.

Newsgroup: rec.radio.scanner
Date: 1995-03-20 22:14:05 UTC
From: mikef@anshar.shadow.net
Message-ID: <3kkund$rfs@anshar.shadow.net>
Source record: 259793

```
--
Mike Fink
mikef@shadow.net
Support the NRA
```

3679. FS: RS PRO-2032

Newsgroup: rec.radio.scanner
Date: 1995-03-20 22:49:57 UTC
From: kuehn@hera.cc.bellcore.com
Message-ID: <3kl0ql$2d4@hera.cc.bellcore.com>
Source record: 259797
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap,phl.scanner

Description:

200 chnnels in 10 bands
Hyperscan- 50ch/sec freq. search, 25ch/sec stored search
delay on/off 2sec
memory backup
lockout
priority channel
direct search
monitor memories 10
freq- 30-54, 108-174, 380-512, 806-960 with appropriate step and mode,no gaps
detachable telescopic antenna
BNC for external antenna
Builtin 110V PS also Jack for external 13.8V DC supply
Jack for head phones
jack for external speaker

Condition:

Absolutely mint, 2 months 10 days old on the day of reporting
with original box, manual, receipt.

Asking $190 post paid. COD extra.

3680. pro 35 mods

Newsgroup: rec.radio.scanner
Date: 1995-03-20 23:50:56 UTC
From: First Last <first_last@bendnet.com>
Message-ID: <3kl4d0$7no@news0.rain.rg.net>
Source record: 259798

can anyone help me find mods for this scanner to rec. 800 mhz.
I am @ john_pagano@bendnet.com,internet

3681. Re: BC200LXT Memory Erase Key Sequence?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 00:07:03 UTC
From: XPTV65A@prodigy.com
Message-ID: <3kl5b7$151o@usenetw1.news.prodigy.com>
Source record: 259799

It seems like I remember reading that you can hold the "2" ,"9" and
"Scan" buttons at the same time and turn on the scanner. Good luck.
-
BOB KAPINOS XPTV65A@prodigy.com

3682. Re: What's the freq, Kenneth?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 00:17:27 UTC
From: gdallal@world.std.com
Message-ID: <D5rKt3.HLq@world.std.com>
Source record: 259800

SCAN911 (scan911@aol.com) wrote:
: From my harddrive, which is overloaded with this kind of trivia....

If your hard drive will cough it up while you're at it, what *was* the frequency?

Thanks.

3683. Re: Scanner Law (chart) == Personal Apology

Newsgroup: rec.radio.scanner
Date: 1995-03-21 00:23:01 UTC
From: gdallal@world.std.com
Message-ID: <D5rL2D.L15@world.std.com>
Source record: 259801

Fran Olson (folson@prairienet.org) wrote:

: =
: = This is my personal apology if I have made anyone uneasy of =
: = my SCANNER LAW (chart) that I had posted on this world wide =
: = net. =

Why are you apologizing?
Who tried to give you the idea that it was necessary for posting
information relevant to the group?

3684. Pro51

Newsgroup: rec.radio.scanner
Date: 1995-03-21 00:32:04 UTC
From: dstuart@saucer.cc.umr.edu
Message-ID: <3kl6q4$80m@hptemp1.cc.umr.edu>
Source record: 259802

Is there any way to turn ALL of the lock outs off at one time. I forget sometimes what I have locked out and I don't want to hit manual 200 times.

--
-- Dave Stuart
dstuart@umr.edu

3685. iggy behavior

Newsgroup: rec.radio.scanner
Date: 1995-03-21 00:43:47 UTC
From: darwin@dorite.use.com
Message-ID: <D5rM11.55F@dorite.use.com>
Source record: 259803

I have 2 iggies, a (presumed) male Jimmy - 6"SVL and Lizzie a (presumed) female - 4"SVL.Lizzie has very small spines and a rounder face, which makes her look much younger that Jim.

I mentioned here a while back that Lizzie didn't seem to be growing as fast as Jim and someone suggested that Jim was hogging the food dish.

I set up my camcorder to watch them. I ran a cable to my VCR so I could see what happened for 6 hours.

The first day, Jim popped by and ate several times and spent a lot of time looking over the edge of the shelf (probably at the cats - they like to watch the iggies). No sign of Lizzie during those 6 hours (7 AM to 1 PM).

The second day, Jim did serious head bobbing with dewlap exposed - any time Lizzie came near the food. Chased her off twice and bit her tail once.

We put Lizzie in her own cage.

Now come the questions:

I assume that head bobbing is a male thing. Would they be more likely to do this to another male than to a female?

When Lizzie gets bigger, what would the prospects be of re-uniting them?

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3686. Re: CHP radio codes

Newsgroup: rec.radio.scanner
Date: 1995-03-21 01:35:23 UTC
From: kjk00@mondrian.CSUFresno.EDU
Message-ID: <D5roF0.40n@zimmer.CSUFresno.EDU>
Source record: 259804

In article <3kjet0$c8k@ixnews2.ix.netcom.com>, () <chrisQ@ix.netcom.com> wrote:
>Here are the Ca. Highway Patrol codes
>10-1 Receiving Poorly 11-24 Abandoned Vehicle
>10-2 Receiving Well 11-25 Traffic hazard
>10-4 Acknowledge (ok) 11-26 Disabled Vehicle
>10-5 Relay Message 11-41 Ambulance Required
>10-6 Busy 11-44 Coroner's Case
>10-7 Out of Service 11-48 Furnish Transportation
>10-8 In Service 11-51 Helicopter Landing
>10-9 Repeat last message 11-71 Fire
>10-10 Off duty 11-79 Accident-Ambulance Sent
>10-11 Identify mobile call sign 11-80 Accident-Serious injury
>10-14 Provide Escort 11-81 Accident-Minor injury
>10-15 Prisoner in Custody 11-82 Accident-Non-injury
>10-17 Relay Papers, supplies, etc. 11-83 Accident-No Details
>10-19 Return to Station 11-84 Direct Traffic
>10-20 What is you location? 11-85 Request Tow Truck
>10-21 Telephone 11-98 Meet the officer
>10-21A Telephone your home
>10-28 Vehicle Registration check
>10-29 Check for wants
>10-36 Confidential information
>10-37 What time it it?
>10-39 Message or item delivered
>10-97 Arrived at scene.
>10-98 Finished last detail
>
>
>This list was complied about 3 years ago so some things might have
>changed, but it should give you some idea of what's going on.
>
>I also have the regional codes for San Diego County and many other
>things in Southern cal. Hope this helps.
>

Just a couple of additions:

a 11-25 X-ray is a disable female motorist
23152 is a reckeless driver
23151 is a drunk driver
(These might be the other way around)

Ken Koller
Reporter/Photographer - The Daily Collegian

California State University, Fresno
"Actually, I am a lab mouse on stilts"

kjk00@mondrian.csufresno.edu

3687. Is the PRO-39 without most draw-backs?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 01:48:59 UTC
From: rcanifax@sensemedia.net
Message-ID: <3klbab$7a@emerald.oz.net>
Source record: 259805

I've had one for 1-1.5 years now and think it is great. It gets all the cellular (If I was to listen to it, ha), though I understand the sensitivity is less than the new models. I'm sure there is some problems???

Rick

3688. Re: Aircraft Communication//DENVER// help-sought

Newsgroup: rec.radio.scanner
Date: 1995-03-21 02:12:47 UTC
From: rogerp@westnet.com
Message-ID: <3kld0i$gv1@westnet.westnet.com>
Source record: 259806

hoffj@mhd1.moorhead.msus.edu (Jerad Hoff) wrote:

>Bishwa Shrestha (bishwa@rodeo.uwyo.edu) wrote:
>: I have been listening to air com. especially from Denver Airport
>: in around 20 frequencies; hottest are 128.325, 133.175, 126.500 etc.
>: However, I am only able to receive one side of conversation, usually the
>: pilot. I use PRO-39 with its built in antenna. Do I need to use the
>: outdoor antenna to receive both side of conversation?
>: My location is around 200 miles(?) north of Denver, in Laramie,
>: Wyoming. Any response would be appreciated. BTW, we can also exchange
>: some of the frequencies. I know this news-group has some wonderful
>: people. Please post or send the private mail.

>: Bishwa Shrestha, KC7JFV

>My guess would be the added elevation of the aircraft allows you to
>recieve thier singal. It would be like having a 900 foot tower. I beleive
>it's northwest that runs that TV ad about back before "airfone" or
>whatever, they could reach Chicago from Minneapolis on a good day.

Your theory is correct that the plane's crusing altitude allows him to
hear that plane but not hear the Denver airport some 200 miles away.

However, he'd actually need an antenna at the top of a 20,000 foot
tower to be able to hear the Denver airport 200 miles away. (I realize
that your 900 foot tower was probably for illustrative purposes rather
than as a precise figure.)

The approximate air-gnd vhf comms ranges for various cruising
altitudes are:

1,000 feet = 45 miles
5,000 feet = 100 miles
10,000 feet = 142 miles
20,000 feet = 200 miles
30,000 feet = 245 miles
40,000 feet = 285 miles

Those ranges are in all directions from the aircraft and conversely in
all directions from your location.

The formula is: Distance (in miles) = the square route of the plane's
altitude x 1.42.

3689. Modifications for BC220XL

Newsgroup: rec.radio.scanner
Date: 1995-03-21 02:16:00 UTC
From: gary.moon@channel1.com
Message-ID: <40.17876.2433@channel1.com>
Source record: 259807

Looking for any modifications that may be available for the BC220xlt.

3690. New scanner source page on te web

Newsgroup: rec.radio.scanner
Date: 1995-03-21 03:35:11 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3klhhf$ber@hptemp1.cc.umr.edu>
Source record: 259808

I have added a source page for scanners to my web page. As I only have
three items on this page, I would like to know if anybody knows of some
good scanner-related pages out there, so I can add them to my page.
Its URL is: http://www.umr.edu/~lerman/scanpage.html
and my e-mail address is: lerman@umr.edu
Just post anything you have here, or mail it to me.
Thanks!
--
Ben Lerman
lerman@umr.edu

P.S. ftp sites, gopher, and any other web-accesible sites are also welcome!

3691. Needed: cheap radio for local police/fire scanning

Newsgroup: rec.radio.scanner
Date: 1995-03-21 03:56:51 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3kliq3$bpp@hptemp1.cc.umr.edu>
Source record: 259809

I need a cheap, used (preferably less than $60 and not too beat up)
scanner to monitor local fire/police/ems freqs while I use my other radio
for bigger, better <heh> things. Minimum 10 channels, preferably around
20, w/lock-out, must have the Low, High, and UHF bands at least. If
you've got an old cheapie laying around, name your price!
Thanks in advance,
--
Ben Lerman
lerman@umr.edu

3692. Re: Pro 37 mods

Newsgroup: rec.radio.scanner
Date: 1995-03-21 04:24:21 UTC
From: Junior13@ix.netcom.com
Message-ID: <3klkdl$1r9@ixnews2.ix.netcom.com>
Source record: 259810

In <3kj063$bl@everest.pinn.net> dwiza@pinn.net (Comrade_Gorby) writes:

>
>I am begging, PLEADING for Pro 37 mods. I know about the cell phone
>mod, but are there others?
>
>
>

http://ftp.cdrom.com has a lot of mods for just about all possible scanners, including, but not limited to the pro-37. If I remember correctly its in radio subdirectory, or hamradio?

jr.

3693. RE: Pro39 Speaker Shot

Newsgroup: rec.radio.scanner
Date: 1995-03-21 04:34:14 UTC
From: stblasen@iastate.edu
Message-ID: <3kll06$h4u@news.iastate.edu>
Source record: 259811

>> I HAD A SPEAKER BLOW ON MY PRO-39, RADIO SHACK REPAIRED
>> IT WITHIN A WEEK FOR 59.38 PLUS THEY ALSO DID A FEW OTHER MINOR TWEAKS

>Sixty bucks for a speaker?!
>Gold-plated, is it? :)

More likely (knowing RS) It was probably:
Speaker cost $5.00
Labor cost $50.00
+ tax

Steve
--

Steve Blasen Iowa State University
stblasen@iastate.edu Ames, Iowa

3694. Re: Cellular Theory

Newsgroup: rec.radio.scanner
Date: 1995-03-21 04:53:05 UTC
From: "Robert E. Cavanaugh" <cavanau@primenet.com>
Message-ID: <3klm3h$bpq@news.primenet.com>
Source record: 259812

stephenl@public.compusult.nf.ca wrote:
>
> I am very intrested in this topic and I hope that someone can suggest books, etc... which give a good
> insight into this area. Please include the addresses/phone numbers of the suppliers if possible.
> thank you very much.
>

I have found Mobile Cellular Communications Systems by William Lee
to be a very good source of information.

Bob

3695. URL's seen in rec.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-21 04:57:46 UTC
From: rick@ar.com
Message-ID: <3klutm$rc0@news.internex.net>
Source record: 259813

G R E E N E G G S R E P O R T
by
mailto:rick@ar.com

The Green Eggs Report is a monthy post of URLs
spotted within news:rec.radio.scanner

CORRECTION: WWW Freq Data Site http://www.okc.com/freq-out
Radio related Internet sites http://www.fcc.gov
http://usis.com/~odium/
http://www.cs.nmsu.edu/~thharrel/
http://kzsu.stanford.edu/other-radio.html
http://www.law.indiana.edu/fclj/fclj.html
http://ux1.cso.uiuc.edu/~roma/rr-freqs.html
http://shrine.cyber.ad.jp/~jwt/hamradio.html
http://www.access.digex.net/~cps/numbers.html
http://p300.cpl.uiuc.edu/~tpeckish/ar8000.html
http://hypatia.gsfc.nasa.gov/sarex_mainpage.html
http://www.cc.columbia.edu/~fuat/cuarc/www-sites.html
http://bjr.acf.nyu.edu/railinfo/scanning/scanning.html
NASA freqs. in St. Paul MN http://www.winternet.com/~faz/

==========
Alice's Restraunt | GC2.1 d--- H s-:- g++ p? au-- a- w+++ v* C+++ U[A-z]+++$
rick@ar.com | P+++ L+++ 3- E? N+++ K-- !W M V++ po Y++ M !t !5 !j R- G
http://ibd.ar.com/ | !tv b !D B- e+++ u+ h+ f r n-- y+

3696. How to find freqs on Motorola handhelds?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 05:22:14 UTC
From: vector@inferno.com
Message-ID: <25229MULEXVUOBYNRVI@inferno.com>
Source record: 259814

IG>Where I work, they use some Motorola handhelds to communicate.
IG>Our security, MIS, and sometimes janitors (!) use these radios. What
IG>range should I search to try and find these? I only have a little info.
IG>on the radios. They are Motorolas. They have the letters 'MTX' printed
IG>on them. At the top there is a rotary dial, as well as an A-B-C toggle.
IG>Does the A-B-C toggle indicate each radio can communicate on one of three
IG>channels? (Someone once told me there are 11 frequencies allocated to our
IG>company...maybe MIS for a few, security for a few, etc.)
IG>Is there a common set of ranges for these types of radios? Or are they
IG>programmable, so it's wide open.....?
IG>Thanks.

the mtx series handhelds by motorola are trunking rigs if i recall
correctly. they're probably in the 800MHz range, and your best bet
would be to scan somewhere between 850-870MHz in 12.5kHz increments.
the 11 channels said to be allocated to your company sounds like quite a
few, especially for a trunking system. there's probably 11 "groups" or
"fleets" assigned, which are just call groups for each different
division of your company that uses the rigs. if it's trunked, good luck
listening to the frequency-hopping conversations.

greg

vector@inferno.com

3697. Pro-39 ranges

Newsgroup: rec.radio.scanner
Date: 1995-03-21 05:40:00 UTC
From: fullauto@host.yab.com
Message-ID: <3klorg$qj1@news.yab.com>
Source record: 259817

Can someone who has a Pro-39 please send me the frequency ranges.

I need them to compare to new scanners (i don't have an old R/S catalog).

Thanks.

Full Auto

3698. Re: WTB: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-03-21 07:09:49 UTC
From: CFIPAUL@ix.netcom.com
Message-ID: <3klu3t$4cd@ixnews3.ix.netcom.com>
Source record: 259818

In <8A5930D.01F400002F.uuout@firstdue.uu.holonet.net>
jbadger@poplar110.cray.co@firstdue.uu.holonet.net (JBADGER@POPLAR110.CRAY.CO)
writes:

>
>Path:
holonet!colossus.holonet.net!agate!ihnp4.ucsd.edu!network.ucsd.edu!equalizer!timbu
k.cray.com!driftwood.cray.com!jbadger
>From: jbadger@poplar110.cray.com (Jon Badger)
>Subject: WTB: AR8000
>Message-ID: <1995Mar16.130114.20667@driftwood.cray.com>
>Originator: jbadger@poplar110
>Lines: 15
>Sender: jbadger@poplar110 (Jon Badger)
>Nntp-Posting-Host: poplar110
>Organization: Cray Research, Inc.
>Date: 16 Mar 95 13:01:14 CST
>
>
>Wanted to buy: Used AOR8000 (unblocked)
>
>
>Also, does anyone know of a better deal on a new AR8000 than these?
>
>Javiation: $618.00 (US) includes shipping but not duty
>
>ATLANTIC: $670.00 (US) includes shipping & duty
> Atlantic also says they will give a full refund of purchase and
> shipping charges if the radio gets returned to them by US customs.
>
>The question is, does US customs return equipment that doesn't meet import regs?
>Or do they keep it and put it in their annual auction?
>
>--
-
> ♦ Cam-Mail v1.40:
>

One should note that the ACCURATE price for the AOR 8000 from Atlantic radio is
$815.00 this includes shipping. This price is accurate as of 03-20-95 when I
purchased mine (and yes this is in good old american greenbacks!)

3699. Re: pro-2032:cellular mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 07:24:10 UTC
From: rhilberg@uhunix3.uhcc.Hawaii.Edu
Message-ID: <D5s4KA.IB4@news.hawaii.edu>
Source record: 259819

Jerry Smith (Jerry.Smith@precision.chigate.com) wrote:
: -=> Quoting Gh598@cleveland.freenet.e to All <=-

: Gh> can anyone tell me the mod to restore the cells on a pro-2032?
: Gh> thanks!

: While there is a mod to do the 2032, it is a bear to do. I have a bit
: map file and instructions to do the mod, however. If interested, E-mail
: via Internet to...73747.2143@compuserve.com

: Jerry Smith
:

I have the 2032 with full cellular access out of the box. Is this unusual?
I'd be interested in what exactly the mods do to the 2032.

: ___ Blue Wave/QWK v2.12

3700. Cell phone freq. question.

Newsgroup: rec.radio.scanner
Date: 1995-03-21 07:46:48 UTC
From: semana@cs.concordia.ca
Message-ID: <3km098$r0f@newsflash.concordia.ca>
Source record: 259820

Hi I have a list of local cell phone frequencies
and it looks something like this :

XXX.XXX-XXX.XXX MHz cell
XXX.XXX-XXX.XXX MHz base
XXX.XXX-XXX.XXX MHz mobile

What exactly do they mean by cell, base and mobile, what is the difference
between them ???

Thanks.

Marley.

3701. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-21 08:09:07 UTC
From: cadsuper@big12.metrobbs.com
Message-ID: <3km1j3$2b4@metroux.metrobbs.com>
Source record: 259821
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

: Stephen Wassell says:

: " I've been trying, without much success to get some sort of picture from
: " the strong signal at 137.925Mhz. I guess that it's a weather satellite,
: " as that's what is sounds like, but I can't get any sort of picture.

: " I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface
: " definately works, but when it's all connected up I just get at best a
: " black screen with occasional white dots.

: " What's going wrong here?

I bought a program for about $75 called AEA Fax II which I have used for
the past year. It comes with software and a device that plugs into the
RS-232C port of your serial card. It has a wire that comes off of it to
plug into a shortwave radio which you can decode the following:
WEFAX (b/w satellite images)
RTTY (radio teletype)
CW (morse code)
NAVTEX(some kind of offshore weather stuff like RTTY, dont know for sure)

and I think that's it. AEA already has out their new version of that
called AEA FAX III that is basically the same as II, has the same decoder
and all, but will enhance your b/w pictures with color so you will have
false color images of the satellite pics that you recieve. It's well
worth the money.

The most common freq's to find the WEFAX stuff on is 8080 Khz or 9090
Khz. There are several others, but those are the main ones. (not to
mention the only ones that come to mind) :)

Consider getting it, it's the best wefax decoder I've used yet.

Rob

3702. Universal M400

Newsgroup: rec.radio.scanner
Date: 1995-03-21 08:14:31 UTC
From: mcdermd@iia.org
Message-ID: <3km1t7$fn9@iia.org>
Source record: 259822

Can anyone tell me the way to convert the pager ID displayed on the M400 to the actual cap code? I seem to remember seeing a posting here not too long ago on this subject but since I don't have a M400 I didn't take note. However a friend now has one and he is looking for the info.

Thanks

Dean
mcdermd@iia.org

3703. Re: <None>

Newsgroup: rec.radio.scanner
Date: 1995-03-21 08:55:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.169.0008EC65@ccm.hf.intel.com>
Source record: 259728

In article <1995Mar17.113702@clstac> krstohr@csupomona.edu (Kenj) writes:

> Where I work we use a trunked radio system. It is a Motorola
>base unit. Inside the cover there are 4 freq's listed. If I remember
>correctly they were aroung 864.### spaced evenly apart. I have scanned
>these for hours with no results. Is there an easier way to determine
>what the correct freq's are?
>--

Typically, the frequencies increment by 1 MHz. So if one of the frequencies is 864.2375, you should check 865.2375 and /or 863.2375. Program about 5 or 10 in each direction and you might be able to find them. You could also use a frequency counter to measure the input frequency and then add 45 MHz to get the output frequency.

Also depending on the size of your company, it might show up in the FCC database. If the system is leased, the license name would be under someone elses name.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3704. Re: Needed: opinions on best scanning software

Newsgroup: rec.radio.scanner
Date: 1995-03-21 09:05:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.170.00091846@ccm.hf.intel.com>
Source record: 259729

In article <3k94j3$66g@ixnews3.ix.netcom.com> rick0@ix.netcom.com (Rick M) writes:

>I am seeking opinions on what the best scanning software is for a
>Pro-2006/OptiScan456 combo is. I am looking for something that does:

>o Spectrum analysis
>o unattended scanning and logging
>o logging of DTMF, etc. codes

>Any suggestions are greatly appreciated.

I hear ScanStar suggested more than any other. I personally don't care for
the interface, but it seems that most people like this one the best.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3705. Optoscan

Newsgroup: rec.radio.scanner
Date: 1995-03-21 09:43:00 UTC
From: Cosimo.Delrosso@f593.n107.z1.fidonet.org
Message-ID: <720_9503221401@nisc.fidonet.org>
Source record: 259732

Is there any one online that has installed the optoscan unit into a pro2006?

If so how easy was it? how good does it work?

Thanks

3706. Re: CHP radio codes

Newsgroup: rec.radio.scanner
Date: 1995-03-21 10:09:50 UTC
From: mhalvers@nermal.santarosa.edu
Message-ID: <3km8le$298@floyd.santarosa.edu>
Source record: 259823

Ken Koller (kjk00@mondrian.CSUFresno.EDU) wrote:
: In article <3kjet0$c8k@ixnews2.ix.netcom.com>, () <chrisQ@ix.netcom.com> wrote:
: >Here are the Ca. Highway Patrol codes
: >10-1 Receiving Poorly 11-24 Abandoned Vehicle
: >10-2 Receiving Well 11-25 Traffic hazard
: >10-4 Acknowledge (ok) 11-26 Disabled Vehicle
: >10-5 Relay Message 11-41 Ambulance Required
: >10-6 Busy 11-44 Coroner's Case
: >10-7 Out of Service 11-48 Furnish Transportation
: >10-8 In Service 11-51 Helicopter Landing
: >10-9 Repeat last message 11-71 Fire
: >10-10 Off duty 11-79 Accident-Ambulance Sent
: >10-11 Identify mobile call sign 11-80 Accident-Serious injury
: >10-14 Provide Escort 11-81 Accident-Minor injury
: >10-15 Prisoner in Custody 11-82 Accident-Non-injury
: >10-17 Relay Papers, supplies, etc. 11-83 Accident-No Details
: >10-19 Return to Station 11-84 Direct Traffic
: >10-20 What is you location? 11-85 Request Tow Truck
: >10-21 Telephone 11-98 Meet the officer
: >10-21A Telephone your home
: >10-28 Vehicle Registration check
: >10-29 Check for wants
: >10-36 Confidential information
: >10-37 What time it it?
: >10-39 Message or item delivered
: >10-97 Arrived at scene.
: >10-98 Finished last detail
: >
: >
: >This list was complied about 3 years ago so some things might have
: >changed, but it should give you some idea of what's going on.
: >
: >I also have the regional codes for San Diego County and many other
: >things in Southern cal. Hope this helps.
: >

: Just a couple of additions:

: a 11-25 X-ray is a disable female motorist
: 23152 is a reckeless driver
: 23151 is a drunk driver
: (These might be the other way around)

Look in the vehicle code! 23103 is reckless and 23152 is DUI
Usually (and I am talking as a CA state certified dispatcher) when the

'CODE' is a 3 digit number it's the penal code...example 211 robery 242 assult and then if its a 5 digit number then its vehicle or health and safety example 23152 drunk 11550 drugs

: ----------
: Ken Koller
: Reporter/Photographer - The Daily Collegian
: California State University, Fresno
: "Actually, I am a lab mouse on stilts"

: kjk00@mondrian.csufresno.edu

3707. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-21 10:21:00 UTC
From: Gary.Moncur@f801.n0.z1.fidonet.org
Message-ID: <ce4_9503242344@uti.com>
Source record: 259736

AREA:REC.RADIO.SCANNER
MSGID: 1:2235/10.999 0006b03e
REPLYTO 1:2235/10.999 UUCP
REPLYADDR glm@xmission.com
PID GIGO+ sn 106 at uti vsn 0.99 gp4
From: glm@xmission.com (Gary Moncur)
Newsgroups: rec.radio.scanner
Subject: Re: milair callsigns
Date: Wed, 22 Mar 95 16:21:17 GMT
Organization: XMission Public Access Internet (801 539 0900)
Message-Id: <3kpj8r$424@news.xmission.com>

In article <3kp9vm$6v6@usenet.INS.CWRU.Edu>,
ah595@cleveland.Freenet.Edu (Eric J. Hess) wrote:
>
>In a previous article, glm@xmission.com (Gary Moncur) says:
>
>>In article <3khk62$d1c@roch0.eznet.net>, D Stark <dstark@eznet.net>
>>wrote:
>>>Here are a couple of "mystery" callsigns heard on UHF aero
>>>freqs near the US/Canada border in NY state.
>>>
>>>BANDSAW OMEGA
>>
>>The BANDSAW callsigns are E-3B's from the 552nd AWC, Tinker AFB
>>
Is there a book or something where you look these up? Or
>do you just get the information while monitoring?
>
>Eric

I maintain the callsign list for Steve Douglass who publishes the
Intercepts Newsletter. The list is about 2400 callsigns long. I
would send it to you, but it is the property of Steve.

If you are interested in buying the callsign issue or subscribing
to the newsletter, here is all the dope:

Steve Douglass
Intercepts
PO Box 7176
Amarillo, TX 79114-7176

The newsletter is very good and well worth the subscription price.
It is 6 pages long (both sides of 3 sheets) on 8 1/2 x 14 paper. The
price is $18 per year if you get it in before April 1st. After that

the price is going up to $20. Back issues are usually $3.00 each (include a SASE - a legal sized one). I'm not sure what Steve will charge for the callsign issue because it is twice as big as the regular ones. You can contact Steve and ask him about it if you are interested. His email address is: STEVE1957@AOL.COM.
Sometimes he is pretty slow at responding to email. He also writes for Popular Science and is very busy. If you contact him, tell him I sent you. (Prices will vary for international mailings.)

Before I get flamed, I am an unpaid, volunteer member of the Intercepts staff. I have absolutely no interest in rather you subscribe or not. If anyone has any questions about particular callsigns or bases, I will try to answer.

Also, if you can give me any info about any callsigns, aircraft, and the base they are assigned to, I would really appreciate it. The callsign list we have is from scanner listener's input We do not ask for anything that is classified or sensitive. What we are after is the routine callsigns assignged to aircraft at their home bases. For example: CORVETTE F-16 388th FW, Hill AFB, Utah

Regards,

-Gary
glm@xmission.com -Salt Lake City, Utah USA-

~!

| via: UTI Systems BBS (815) 942-2930 Welcome my son, to the machine. |

3708. Re: Antenna//CORDLESS PHONE//help sought

Newsgroup: rec.radio.scanner
Date: 1995-03-21 11:24:10 UTC
From: darwin@dorite.use.com
Message-ID: <D5sFoB.J5t@dorite.use.com>
Source record: 259824

In <Pine.ULT.3.91.950320123155.21819C-100000@rodeo.uwyo.edu>, Bishwa Shrestha
<bishwa@rodeo.uwyo.edu> wrote:
: I have recently used a long wire antenna (actually the same one for SW)
: and hooked up into the PRO-39 with the alligator clip and the paper
: clip. The improvement on all the cordless channels were dramatic, I mean
: dramatic!! However, I am having a problem on some faint signals which
: are being interfered by other phone on the same channel. Tried rotating
: the antenna but did not help. Is there any way to build the antenna that
: has a direction sensitivity? Since I live in the college apartment with
: 5 apartments nearby, all the channels are busy most of the time.

You can make 2 horizontal dipoles and switch between them. Each leg of
each antenna should be 5 feet long. You can use very thin wire - magnet
wire if you want to be less conspicuous. You lose some signal with the
horizontal antennas, but you gain a lot in selectivity of signals.

Just get coax with a braid (instead of foil) in it and hook one wire of
the dipole to the center conductor and the other wire to the shield. Add
an F connector on the other end - if it doesn't already have one - and
add an F to BNC adapter.

Another way to make a dipole is get some zip cord (like is used for
extension cords) and split 5 feet of it apart. Run the rest to your
radio and add the proper connectors.

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3709. Re: Pro-39 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-21 11:25:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.3120.1921@tscnet.eskimo.com>
Source record: 259725

To the best of my knowledge there are no mods for the keyboard, except for the use of the LOCK/UNLOCK. There is an additional mod for the 68 to 88 Mhz, covering TV channels 2 thru 6 (Ch#4 might be in there somewhere for sound). There is an area withing the said band for some voice communications, but most of it seems to be paging and data transmitions.

If you have any questions regarding scanner mods or related, you may reach me thru the TSCNET and it's Seattle number, even though the system resides over here in Kitsap County. The number is 1-206-223-9361 with direct access to this and other scanner conferences.

My internet address here is: ray_reese@tscnet.eskimo.com

Internet: ray_reese@tscnet.eskimo.com (Ray Reese)
This message was processed by NetXpress from Merlin Systems Inc.

3710. Re: iggy behavior

Newsgroup: rec.radio.scanner
Date: 1995-03-21 13:12:02 UTC
From: darwin@dorite.use.com
Message-ID: <D5sKo5.Kyv@dorite.use.com>
Source record: 259726

My apologies for posting the original message here. Either I or my mail reader goofed.

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3711. Pro-2030 Running mobil

Newsgroup: rec.radio.scanner
Date: 1995-03-21 16:01:40 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3kmt94$84u@gazette.bcm.tmc.edu>
Source record: 259727

I just bought a 12 volt DC cig-lighter plug for my car so I
can run my base scanner (pro-2030) on the road. It works great but Im
scared I might harm the scanner doing this.

Could one of you electro-guru's put my mind at ease ?

The base transformer says 12 v DC 500 mAmps
The Car plug says 12 v DC 2Amps

The polarity is correct both plugs are center positive -C 0+

The book with the scanner talks about not using enough Amps could
damage the scanner, with 500mAmps at home and 2 amps in the car this
seems okay, right ???

thanks
tim

3712. Re: Pro-2030 Running mobil

Newsgroup: rec.radio.scanner
Date: 1995-03-21 16:58:34 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.172.0010FA5E@ccm.hf.intel.com>
Source record: 259751

In article <3kmt94$84u@gazette.bcm.tmc.edu> skywalker@dino.qci.bioch.bcm.tmc.edu (T Reynolds) writes:

>I just bought a 12 volt DC cig-lighter plug for my car so I
>can run my base scanner (pro-2030) on the road. It works great but Im
>scared I might harm the scanner doing this.

>Could one of you electro-guru's put my mind at ease ?

>The base transformer says 12 v DC 500 mAmps
>The Car plug says 12 v DC 2Amps

>The polarity is correct both plugs are center positive -C 0+

>The book with the scanner talks about not using enough Amps could
>damage the scanner, with 500mAmps at home and 2 amps in the car this
>seems okay, right ???

If your scanner only requires 500mA (.5 amps) and the adaptor can supply 2 Amps then you are fine. With current, as long as the current source is the same or bigger than the device drawing the current you are fine. Current is not "forced" to the device, the device will just draw what it needs.

With voltage, on the other hand you have to be more careful. Most 12v devices will accept a range anywhere from about 10 to 16 volts, which is important because a cars electrical system can vary by this same range (well, obviously it can go down to zero).

The only thing I would suggest to be on the safe side is to either make sure you have a regulated adaptor, or do not leave scanner ON when you start the car (this is when the voltage can get up to 16v).

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3713. Re: federal frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-21 17:12:00 UTC
From: radioscan@aol.com
Message-ID: <3kn1d0$1lk@newsbf02.news.aol.com>
Source record: 259730

```
Try these "common" freqs.
418.9000 DEA 165.2875 BATF
418.6250 DEA 166.4625 BATF Surveillance and Treas.
Common
418.7500 DEA
418.9500 DEA
```

3714. Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1995-03-21 17:25:19 UTC
From: jbadger@poplar110.cray.com
Message-ID: <1995Mar21.112519.18168@driftwood.cray.com>
Source record: 259731

Anyone have experience using freq-counters to ID frequencies? I'd like to utilize a freq-counter to id freqs when going to events where HT's are in use.

I've tried the Rat-shack counter but it's not of much use for this. Apparently it's not sensitive enough. It won't lock on a 3 watt cell phone until you're within 10 or 20 feet and it won't lock on to my portable phone more than three inches away! Maybe that should be expected at such low power though.

Am I asking too much of a freq-counter? I've read the review (in MT I think) on the Scout but geez!, it's $450! It ought to work! Anyone ever used the Startek counters? If so, how well do they work? And what does the Auto trigger and Hold feature do?

Thanks in Advance.

--
_/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
_/ _/ _/ _/_/ _/ CRAY Research, Inc.
_/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
_/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063
..-. ..- - ..- .-. . ...-- .--. -- - . -.-. ....

3715. Re: BC 2500XLT question

Newsgroup: rec.radio.scanner
Date: 1995-03-21 17:52:18 UTC
From: gcook@netcom.com
Message-ID: <gcookD5sxn6.9tq@netcom.com>
Source record: 259733

Zeet (newt@halcyon.com) wrote:
: I have a BC2500XLT, and I love it. But I have one question - How long
: is the memory held? So far, I have not had the scanner's battery run
: out without another to replace it, but this is a big question for me,
: as I really don't want to type in 350 channels again. :) Does anybody
: have the service manual? Thanks.

: -Zeet

I let my 2500 sit around for over 6 months with a dead battery and
didn't loose any of the programmed channels.g

--
Gary W. Cook
gcook@netcom.com (personal) or gary@mce.com (work)

3716. Re: SCANNER VS. CB

Newsgroup: rec.radio.scanner
Date: 1995-03-21 17:53:19 UTC
From: ron@fc.hp.com
Message-ID: <3kn3qf$mks@tadpole.fc.hp.com>
Source record: 259734

BILL FUNK (bill.funk@iotp.com) wrote:

: I have found the same thing. While I travel, I find the scanner is very
: interesting, but the CB tells me where the Smokeys are, while the scanner
: won't. On flat terrain, I can get a 25-30 mile alert to a police position.

I've found that NEITHER is sufficient. I've heard cops reported on the CB
when they've long since gone, I've heard cops on the prowl (by scanner) that
weren't reported on the CB.

While both are better than either one alone, both together are still not
100%.

Ron Miller
NW0U

3717. COLOR FAX

Newsgroup: rec.radio.scanner
Date: 1995-03-21 17:55:00 UTC
From: john.avery@uchoice.com
Message-ID: <1ad.13023.1974@uchoice.com>
Source record: 259735

Anybody else into JVFAX color faxes? I bought a dozen color refill kits
for HP printers (Deskjet 500, 500C, 550C, Designjet, etc.) and I'd like
to sell about 8 kits. They retail for $32.95 each. I'll sell them for
$25.00 each and I'll ship by 2 day Priority Mail for free.
Each kit has Yellow, Magenta and Cyan and provides 7 refills for each
color. Complete with all tools, plugs and illustrated instructions.

Contact me here if you're interested and I'll tell you where to
send your check. I'll ship the day I receive your check. John Or, E-mail
me at: john.avery@uchoice.com

 SLMR 2.1a Just say NO to the Clipper chip

3718. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-21 18:25:45 UTC
From: attgeorgew@aol.com
Message-ID: <3kn5n9$2ds@newsbf02.news.aol.com>
Source record: 259737

Subject: RE: HOW POLICE RADAR WORK
From: bill.funk@iotp.com (BILL FUNK)
Date: Thu, 16 Mar 95 11:28:00 -700
Message-ID: <8A592B0.059E00026B.uuout@iotp.com>

On 15 Mar 95 06:32am, BRIAN VARINE wrote:
>>stationary) Radar signals (Rf) travels at a constant speed of of 1
mile
>>in 6.18 microseconds. So the circuitry in the gun starts a timing
>>circuit when the gun fires and times the length until the pulse
returns.
>>This would be for a unit that was not in motion, cop parked.

bill.funk@iotp.com (BILL FUNK) writes:
>This will give distance, not speed. A doppler shift detection circuit is
>used to determine speed. A modulated RF carrier is directed towards a
>target. The moving target will compress (or expand, if moving away) the
>modulation. You've heard this as a train moves past with the horn going:
the
>frequency drops as the train passes. Traffic radar measures that change
in
>the modulation to determine speed.

Bill Funk is the most accurate here but still not 100%. An *unmodulated*
carrier is transmitted at the target. That signal is Doppler shifted by
the moving target and returns to the source. Back at the source, it is
mixed with the transmitting signal (with no Doppler shift) to get a
difference frequency. This difference frequency corresponds to the
Doppler shift and is proportional to the speed of the target.

>> For a car in motion the gun sends out 2 pulses, one a little off to the
>> side of the car to bounce of a stationary object on the side of the
road
>> to tell the gun how fast the cop car is moving thus determining the
>> doppler shift caused by the cop car movement. Then the second pulse
>> bounces off the target car and that doppler shift and the one from the
>> cop car are mathmatically figured to determine the target car speed.

Not true. The moving source emits a single carrier. Some of that signal
is reflected by stationary objects and some of that signal is reflected
by the target. Because each of those items is moving at different
relative speeds, two different Doppler-shifted signals are reflected.
The source again mixes the reflected signals with the transmitted
signal to get the difference frequencies. A little signal analysis
determines the difference between the two speeds to get the speed
of the target.

bill.funk@iotp.com (BILL FUNK) writes:
>The second signal is directed downwards to the road surface; it uses doppler
>to determine the transmitter's speed. The other beam is as above, and the
>two are compared, the transmitter's speed is deducted from or added to the
>target's speed, depending on direction of travel of the target relative to
>the transmitter.
>Moving radar use can be done easily with a single-mode radar unit by first
>getting the relative speed of the target, then taking a reading of the road,
>and adding (or subtracting) that reading from the target's reading. ot done
>very often, for various reasons.

Again, there is only one signal, but it takes two paths (see description above).

>> Just what I have found out in my 7 years of being a radar tech. Which
>> has come in handy in beating a radar ticket in court! The cops know how
>> the gun works, Radar techs, know how and why so WE are the experts in
>> this area. Your tax dollars hard at work! Strange that now I going to
>> be a cop. Oh well.

You must have been a radar tech in the military or maritime because you don't know squat about how police radar works. I've found that cops generally know very little about how the gun works; they are very likely to contradict themselves in court because they have many mis-conceptions. Despite this, defendants are usually at a disadvantage because the judge believes the cop whether he is correct or not. It appears that my tax dollars are being wasted once again. I hope you know more about law enforcement than police radar.

bill.funk@iotp.com (BILL FUNK) writes:
>Better stick to fixing them! ;-)

I'm not so sure.

George Warner

3719. Re: BC200XLT Mod question

Newsgroup: rec.radio.scanner
Date: 1995-03-21 18:33:28 UTC
From: gt7102d@prism.gatech.edu
Message-ID: <3kn65o$1p6@acmey.gatech.edu>
Source record: 259738

I noticed that you all were discussing the 68-88 MHz band. Is there a way
to modify the American version to receive those?

Rickey

--
Richard Wayne Clement (gt7102d@prism.gatech.edu)
37102 Ga. Tech Station, Atlanta, Ga. 30332
Amateur Radio: KD4UCB
CS

3720. RE: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-21 18:50:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A5E2C6.059E00039C.uuout@iotp.com>
Source record: 259739

On 19 Mar 95 07:54pm, LES BUTLER wrote to ALL:

>> Almost, but no cigar...
>> Ham operators are exempt in ALL states from bans on having HAM equipment
>> that's capable of receiving law enforcement frequencies, because it's
>> federal law (recently strongly interpreted that way by the FCC).
>> This does not address scanners in any way; states & localities can still ban
>> their use in vehicles.

LB> Bill,

LB> Before you go out on a limb and include ALL states you really should
LB> have a copy of all state laws.

LB> In Michigan the law reads as such:
LB> MCL750.508

LB> Sec. 508
LB> Any person who shall equip a vehicle with a radio receiving set that
LB> will receive signals sent on frequencies assigned by the Federal
LB> Communications Commission of the United States of America for police
LB> purposes, or use the same in this state unless such vehicle is used or
LB> owned by a peace officer or a bona fide amateur radio operator holding a
LB> technician class, general, advanced or extra class license issued by the
LB> federal communications commission, without first securing a permit to do
LB> so from the director of the department of state police upon application
LB> as he or she may prescribe, shall be guilty of a misdemeanor, punishable
LB> by imprisonment in the county jail for not more than 1 year, or by a
LB> fine of not more than $500.00, or by both fine and imprisonment in the
LB> discretion of the court.
LB> (2) This section shall not be construed as resrticting the use of radar
LB> detectors.

LB> As you can see you may carry a scanner in Michigan if you are a Licensed
LB> Ham of Tech or above.

The problem with this is that the Federal rules are pre-emptive, and the
states cannot enforce more restrictive laws. What I said before stands.

Bill Funk
Internet: bill.funk@iotp.com

... If it's not on fire, it's a software problem.
* Silver Xpress V4.00 SW12853

3721. Re: Cell phone freq. question.

Newsgroup: rec.radio.scanner
Date: 1995-03-21 19:39:26 UTC
From: rdcole@crl.com
Message-ID: <3kna1e$5i3@crl4.crl.com>
Source record: 259740

Marlboro Lights (semana@cs.concordia.ca) wrote:
: Hi I have a list of local cell phone frequencies
: and it looks something like this :

: XXX.XXX-XXX.XXX MHz cell
: XXX.XXX-XXX.XXX MHz base
: XXX.XXX-XXX.XXX MHz mobile

: What exactly do they mean by cell, base and mobile, what is the difference
: between them ???

Good Question sine there are only Base and Mobile frequencies. Base the
radio frequency from the Cell cite to the Mobile Cell Phone or Hend Held
Cell phone. The mobile frequency is the channel from the Cell Phone to
the Cell Site (Base). Generaly these Mobile channel is 45Mhz higher
than the Base.

Ron

3722. Freqs Needed

Newsgroup: rec.radio.scanner
Date: 1995-03-21 20:32:57 UTC
From: billfox@oeonline.com
Message-ID: <D5t536.B5r@oeonline.com>
Source record: 259741

I am going to Washington DC soon, and would like some HOT freqs
for the area....

3723. Las Vegas Excalibur Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-21 20:39:23 UTC
From: toddro@aol.com
Message-ID: <3kndhr$4bp@newsbf02.news.aol.com>
Source record: 259742

I am going to be in Vegas next month at the Excalibur. Does anyone know
any freqs. for things such as casino security / hotel security / etc ?
Any other interesting Vegas freqs. would be appreciated as well.
Thanks -toddro@aol.com

3724. Re: What's the freq, Kenneth?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 21:48:44 UTC
From: kjk00@mondrian.CSUFresno.EDU
Message-ID: <D5t8L8.H0K@zimmer.CSUFresno.EDU>
Source record: 259743

In article <D5rKt3.HLq@world.std.com>,
Jerry Dallal <gdallal@world.std.com> wrote:
>SCAN911 (scan911@aol.com) wrote:

I DUNNO

Ken Koller
Reporter/Photographer - The Daily Collegian
California State University, Fresno
"Actually, I am a lab mouse on stilts"

kjk00@mondrian.csufresno.edu

3725. Help my 2006 Lo\Review key died?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 21:59:12 UTC
From: habu@gate.net
Message-ID: <3kni7g$18h0@tequesta.gate.net>
Source record: 259744

-The Lo\Review key on my 2006 just died anyone know if this is a
common problem and is it fixable without a trip to the shop?
My other question is will Radio Shack give me any problems if I
take it there for repair Its still under warrant but I already did
the cell mod?

Thanks Mike

Mike Fink	Support the Right to Bear Arms
Ft.Lauderdale Fl.	Gun control only affects those citizens
habu@gate.net	who obey laws.

3726. PRO 2036 -- Any Comments?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 22:00:47 UTC
From: fred@MO.NET
Message-ID: <3kniaf$m3g@Twain.MO.NET>
Source record: 259745
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am considering purchasing a Radio Shack PRO-2036 scanner. I currently have a PRO-2006 and have been very happy with it, but I have the "itch" to buy another scanner for home use.

I like the new features on the 2036, including 100 cps scan/search rate, rotary tuning, multiple priority channels, and CTCSS decoder option (which I would buy). I have considered the 2035, but it scans at 50 cps, doesn't have the CTCSS option and its 100 channels per bank seem to be too much of a good thing. I assume that both models are NOT modifiable for expanded 800 MHz. BTW, Radio Shack's 1995 cat has incorrect freq info for the 2036. The 216-380 MHz range, which the scanner receives, is not indicated in the catalog!

Anybody using either of these two models have any experiences or comments, PRO or con? (pun intended) :-)

3727. Re: Scanner Law (chart) == Personal Apology

Newsgroup: rec.radio.scanner
Date: 1995-03-21 22:30:35 UTC
From: dhl@gate.net
Message-ID: <3knk2b$28h0@tequesta.gate.net>
Source record: 259746

Jerry Dallal (gdallal@world.std.com) wrote:
: Fran Olson (folson@prairienet.org) wrote:

: : =
: : = This is my personal apology if I have made anyone uneasy of =
: : = my SCANNER LAW (chart) that I had posted on this world wide =
: : = net. =

: Who tried to give you the idea that it was necessary for posting
: information relevant to the group?

I too found the information useful!!

Paul Kopp
fll-ro.dhl.com

3728. Re: Pro-39 ranges

Newsgroup: rec.radio.scanner
Date: 1995-03-21 23:06:15 UTC
From: kuehn@hera.cc.bellcore.com
Message-ID: <3knm57$9sc@hera.cc.bellcore.com>
Source record: 259747

In article <3klorg$qj1@news.yab.com>, <fullauto@host.yab.com> wrote:
>
>Can someone who has a Pro-39 please send me the frequency ranges.
>..........
>Thanks.
>
>Full Auto
>

30-54, 108-174, 380-512,

and for cell blocked ones: 806-823.9375, 851-868.9375, 896-960
and for non blocked ones: 806-960 with freq. steps as applicable in this range

3729. Take Scanner To Taiwan?

Newsgroup: rec.radio.scanner
Date: 1995-03-21 23:43:21 UTC
From: david@cmpedge.com
Message-ID: <9503211543.AA21759@compedge.cerf.net>
Source record: 259748

Hello all.

I am going to Taiwan next month and since I'm flying on Delta (read: the only RF friendly carrier), I want to take my AR8000. Does anyone know whether or not I will have any trouble bringing a scanner into Taiwan?

--- David

3730. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-22 00:06:06 UTC
From: mulligan@ACM.ORG
Message-ID: <3knple$7oi@hopper.acm.org>
Source record: 259749

For a copy of the relevant FAA rule (FAR 91.21) and the published policies of four airlines, download:

ftp://oak.oakland.edu | CompuServe
/pub/hamradio/docs/misc | Hamnet Lib 2
scan.airline | AIRLNE.TXT

Delta and ASA specifically allow "VHF scanner receivers" during the cruise portion of the flight. United's list of Personal Electronic Devices (PEDs) that are allowed above 10,000' does not include any receivers. American's statement directly forbids radios at all times.

If anyone has the published policy of other airlines or can provide a contact address, it would be appreciated. Out of a dozen airlines queried, these were the only ones that responded (Southwest acknowledged receipt, but there's been no followup).
/* barry /&

3731. Re: What's the freq, Kenneth?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 00:33:00 UTC
From: scan911@aol.com
Message-ID: <3knr7s$7u4@newsbf02.news.aol.com>
Source record: 259750

QUOTING gdallal@world.std.com (Jerry Dallal).....

>>>SCAN911 (scan911@aol.com) wrote:
: From my harddrive, which is overloaded with this kind of trivia....

>>>If your hard drive will cough it up while you're at it, what *was* the
>>>frequency?

>>>Thanks.

You're asking me to make the harddrive GAG??? Naw....thanks!

|
|
' --|--
/|\
' ___|_____________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

3732. Re: CHP radio codes

Newsgroup: rec.radio.scanner
Date: 1995-03-22 01:22:33 UTC
From: Chris Mayer <cmayer@hooked.net>
Message-ID: <Pine.BSI.3.91.950321172012.25757L-100000@also.hooked.net>
Source record: 259752

On Tue, 21 Mar 1995, Ken Koller wrote:

CHP Codes:
11-44 Fatality
11-79 Accident-Major Injuries

> a 11-25 X-ray is a disable female motorist
> 23152 is a reckeless driver
> 23151 is a drunk driver
> (These might be the other way around)

actually both 23151 & 23152 are the same, I think & a 23103 or 23104 is
a Reckless driver

-Chris.

3733. Re: Pro-2030 Running mobil

Newsgroup: rec.radio.scanner
Date: 1995-03-22 01:26:58 UTC
From: Chris Mayer <cmayer@hooked.net>
Message-ID: <Pine.BSI.3.91.950321172432.25757M-100000@also.hooked.net>
Source record: 259753

On 21 Mar 1995, T Reynolds wrote:

> I just bought a 12 volt DC cig-lighter plug for my car so I
> can run my base scanner (pro-2030) on the road. It works great but Im
> scared I might harm the scanner doing this.
>
> The base transformer says 12 v DC 500 mAmps
> The Car plug says 12 v DC 2Amps
>

That setup won't hurt at all. As far as my limited electronics knowledge goes, those figures are the maximum draw that a device (for amps) can't pull before causing damage to either the cord or the transformer. Amp is another way of stating current draw (I think..). They were probably right in saying that a power supply that is rated less than 500 mAmps could damage the scanner, but I'm not sure.

-Chris.

3734. frequency software?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 01:41:46 UTC
From: david.zapata@twisted.com
Message-ID: <382.210.617@twisted.com>
Source record: 259754

Does anyone know of any freeware or shareware that stores frequencies along with who they belong to? And if so, where could one find such a program?

* Wave Rider 1.10 [NR] *
... UNREGISTERED EVALUATION COPY
~~~ Blue Wave/RA

David Zapata
david.zapata@twisted.com
The Twisted Pair! (915)949-0721
West Texas Online Communications
San Angelo, Texas
~~~

3735. Re: iggy behavior

Newsgroup: rec.radio.scanner
Date: 1995-03-22 02:12:25 UTC
From: dstuart@saucer.cc.umr.edu
Message-ID: <3ko129$3j2@hptemp1.cc.umr.edu>
Source record: 259755

Darwin Teague (darwin@dorite.use.com) wrote:
: I have 2 iggies, a (presumed) male Jimmy - 6"SVL and Lizzie a (presumed)
: female - 4"SVL.Lizzie has very small spines and a rounder face, which
: makes her look much younger that Jim.

: I mentioned here a while back that Lizzie didn't seem to be growing as
: fast as Jim and someone suggested that Jim was hogging the food dish.

: I set up my camcorder to watch them. I ran a cable to my VCR so I could
: see what happened for 6 hours.

: The first day, Jim popped by and ate several times and spent a lot of
: time looking over the edge of the shelf (probably at the cats - they
: like to watch the iggies). No sign of Lizzie during those 6 hours (7 AM
: to 1 PM).

: The second day, Jim did serious head bobbing with dewlap exposed - any
: time Lizzie came near the food. Chased her off twice and bit her tail
: once.

: We put Lizzie in her own cage.

: Now come the questions:

: I assume that head bobbing is a male thing. Would they be more likely to
: do this to another male than to a female?

: When Lizzie gets bigger, what would the prospects be of re-uniting them?

What does this have to do with scanners?

--
-- Dave Stuart
dstuart@umr.edu

3736. BC-XLT100 HELP, DOSEN'T WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-22 02:19:49 UTC
From: cgf0@Lehigh.EDU
Message-ID: <3ko1g5$12e8@ns3-1.CC.Lehigh.EDU>
Source record: 259756

I have a BC-100XLT handheld that I haven't used for about six months. It was sitting on the shelf with the battery pack connected the whole time. When I recently went to use it, the darn thing wouldn't work. I plugged it in to the ac adaptor and turned it on. It had held all the programmed frequencies and started scanning on all banks. That's about all it does. All the keypad functions are working with the exception of the "light". I can get no noise at all when rotating the squelch knob. When I hit the "weather button" it scans the 162 mhz range but does not stop on the local active frequency. The unit was fine when I last used it, it's never been dropped or abused. Any experts out there that can diagnose the problem from this description? I reset the memory using the keypad sequence, and reprogrammed it but it is still in the same state. Are there any other keypad codes that might be used to correct the problem, or does it sound like a repair job is needed? Any suggestions would be greatly appreciated.

DISPATCHER CHARLES FOSBURG #4 - CAMPUS POLICE
JOHNSON HALL, BLDG #36 - EXT. 8-4200

3737. Re: PRO 2036 -- Any Comments?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 02:22:01 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5tL8p.GIJ@ssbunews.ih.att.com>
Source record: 259757
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3kniaf$m3g@twain.mo.net>, Fred Langeneckert <fred@MO.NET> wrote:
>I am considering purchasing a Radio Shack PRO-2036 scanner....
>I like the new features on the 2036, including 100 cps scan/search
>rate, rotary tuning, multiple priority channels,
>and CTCSS decoder option (which I
>would buy)....

I recommend you avoid the PRO-2036. It is the same radio as the
Uniden/Bearcat 890XLT with a different, less legible paint scheme
on the front panel. Also, the squelch control works in the opposite
direction to match other Radio Shack models.

I've used the PRO-2036 side by side with a BC890XLT and other
scanners recently. The PRO-2036 (and its BC890XLT twin) were
severely hampered by images, overload, and intermod. The units I
evaluated had more birdies than a pet shop. The 406-420 MHz band
was littered with TV station audio. Cellular phone signals mixed
with a data channel and wiped out reception almost almost entirely in
the 850-870 MHz band, even using the 19" whip antenna. Paging
was everywhere. All this is in addition to the normal
21.6 MHz image problems inherent in a conventional superhet.

Though it lacks CTCSS and a tuning knob, the newer, 100 channel
dual conversion Bearcat BC860XLT works better and is considerably
less expensive.

Yes, the PRO-2036 does have some attractive features, but the
rescan delay is not one of them. It is either on or off for all
channels, i.e. it is a global parameter, and a throwback to scanners
of 20 years ago. Two frequency simplex and trunked systems are
best scanned with the rescan delay off. Single frequency systems are
best scanned with the rescan delay on. Therefore, the PRO-2036/BC890XLT
cannot scan both types of systems optimally at the same time.

Yes, the PRO-2036 covers the military air band, but because
the mode is fixed at AM there, it will not receive military satellites.
Neither will it tune many ham repeaters in the 222-225 MHz band
because the PRO-2036 step sizes are 12.5 and 25 kHz in that range.

If you want a good scanner which supports CTCSS decoding, I recommend
you consider a Uniden/Bearcat BC9000XLT. Although the BC9000XLT
resembles the BC890XLT/PRO-2036 physically, the similarity ends there.
The BC9000XLT is an excellent performer and destined to be a
"PRO-2035-killer."

--

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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3738. Las Vegas Area?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 02:37:39 UTC
From: dusty@svpal.svpal.org
Message-ID: <3ko2hj$239@borg.svpal.org>
Source record: 259758

Planning a trip to Vegas in a few weeks. I've gathered up all of the usuall freq's (Public Safety Etc.) Just wondering if anyone has any interesting not widely known or maybe your favorites for the area?
Dusty

3739. Re: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-22 02:52:16 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3ko3d0$qvm@umcc.umcc.umich.edu>
Source record: 259759

In article <8A5E2C6.059E00039C.uuout@iotp.com>,
BILL FUNK <bill.funk@iotp.com> wrote:
>
>On 19 Mar 95 07:54pm, LES BUTLER wrote to ALL:
>
>>> Almost, but no cigar...
>>> Ham operators are exempt in ALL states from bans on having HAM equipment
>>> that's capable of receiving law enforcement frequencies, because it's
>>> federal law (recently strongly interpreted that way by the FCC).
>>> This does not address scanners in any way; states & localities can still ban
>>> their use in vehicles.
>
> LB> Bill,
>
> LB> Before you go out on a limb and include ALL states you really should
> LB> have a copy of all state laws.
>
> LB> In Michigan the law reads as such:
> LB> MCL750.508
>
> LB> Sec. 508
> LB> Any person who shall equip a vehicle with a radio receiving set that
> LB> will receive signals sent on frequencies assigned by the Federal
> LB> Communications Commission of the United States of America for police
> LB> purposes, or use the same in this state unless such vehicle is used or
> LB> owned by a peace officer or a bona fide amateur radio operator holding a
> LB> technician class, general, advanced or extra class license issued by the
> LB> federal communications commission, without first securing a permit to do
> LB> so from the director of the department of state police upon application
> LB> as he or she may prescribe, shall be guilty of a misdemeanor, punishable
> LB> by imprisonment in the county jail for not more than 1 year, or by a
> LB> fine of not more than $500.00, or by both fine and imprisonment in the
> LB> discretion of the court.
> LB> (2) This section shall not be construed as resrticting the use of radar
> LB> detectors.
>
> LB> As you can see you may carry a scanner in Michigan if you are a Licensed
> LB> Ham of Tech or above.
>
> The problem with this is that the Federal rules are pre-emptive, and the
> states cannot enforce more restrictive laws. What I said before stands.
>
>Bill Funk
> Internet: bill.funk@iotp.com

>
>... If it's not on fire, it's a software problem.
> * Silver Xpress V4.00 SW12853

Bill, The states cannot enforce more restrictive laws? Funny how gun laws in areas of the country are more restrictive then federal law and have been tested in court and upheld. Case in point Morton Grove Ill in which it is illegal for a citizen of that city to own a gun. How about states that had 7 to 14 day waiting periods before the national law was adopted?

I'm not a lwayer and don't claim to be an expert in the area. All I can tell you about Michigan State Law regarding scanners in a motor vehicle is from this letter I received from the Division Commander Communications Division of the Michigan State Police. Since it's on offical State Letterhead and a copy of Michigan Compiled Law Section 750.508 was included, I'd have to trust what it says and disregard your opinion. One in the hand beats two in the bush. Sorry...

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3740. Bearcat 100 Channel Scanner:

Newsgroup: rec.radio.scanner
Date: 1995-03-22 03:29:30 UTC
From: msoft@interserv.com
Message-ID: <3ko5iq$r6p@data.interserv.net>
Source record: 259760

```
Bearcat 100 for Sale (Used)

100 Channel Programable Scanner

29-54mhz
118-174
409-512

Comes with Battery Pack and Power Supply

Price includes Shipping (usa) $85.00

METROSOFT
```

3741. Yaesu FRG-9600 Communications Receiver:

Newsgroup: rec.radio.scanner
Date: 1995-03-22 03:38:12 UTC
From: msoft@interserv.com
Message-ID: <3ko634$r6p@data.interserv.net>
Source record: 259761

Yaesu FRG-9600 for Sale (Used)
Mint Condition

60-905Mhz no gaps (Triple Conversion Communications Receiver)
All modes ssb amn amw fmn fmw
Comes with Computer Control option RS-232 for Ibm Compatables.

Price includes Shipping (usa) $400.00

METROSOFT

3742. Looking for ATLANTA GA. FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1995-03-22 04:22:35 UTC
From: rambler@america.net
Message-ID: <3ko8mb$47v@peach.america.net>
Source record: 259762

I am looking for the Gwinnette County, Dekalb County, Norcross and
Doraville Police and Fire Frequencies.
This should enclude the latest cell. frequecies.
If anyone knows of a NEW updated listing please let me know.
Thanks,

Steve
~~~~~~
Steve Wilder ACCESS AMERICA/CONNECT ATLANTA rambler@america.net
~~~~~~

3743. Re: What do you think of the BC200XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 04:24:48 UTC
From: rambler@america.net
Message-ID: <3ko8qg$47v@peach.america.net>
Source record: 259763

In article <795531712.59snx@genes.pl.my>, wired@genes.pl.my (Eugene Kang) says:
>
>Any good?
>
Yes, I have had one for about 4 years now. Very dependable.
You might have a couple of extra batteries charged and ready using
for an extended period.

~~~~~~
Steve Wilder ACCESS AMERICA/CONNECT ATLANTA rambler@america.net
~~~~~~

3744. Re: Rat Shack Ripoff

Newsgroup: rec.radio.scanner
Date: 1995-03-22 04:45:15 UTC
From: joejarre@netcom.com
Message-ID: <joejarreD5trvF.2xu@netcom.com>
Source record: 259764
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

****
Mr. Jay Hoffman, KA5OST, who is a friend of mine and a long time Radio Shack manager asked me to post his comments and a copy of the comments made to him by Mr. Gerald Schmitt. Jay's compuserve address is plainly shown below. Please correspond with him if you have any other questions.
****

Return-Path: <74056.1524@compuserve.com>
Date: 21 Mar 95 18:52:26 EST
From: "Jay M. Hoffman" <74056.1524@compuserve.com>
To: Joe Jarrett <joejarre@netcom.com>
Subject: Please post

Please post this to rec.radio.amateur.misc

To Whom It May Concern:

Note the dates!

As it turns out, Gerald Schmitt (ggs@aerie.lanl.gov) bought a 2006 on August 26, 1994, during a 0% Interest, No Payment until 1995 promo. He did have it paid for by January 1995 (in the allotted time). His eloquent letter was dated March 11, 1995, about three months after he had paid the bill. He compalained to the credit depatment on March 13, 1995, two days after accusations. Right or wrong, Radio Shack immediatley reversed the $6.97 that he was upset about. I don't expect Mr. Scmitt to apologize but I wanted to set the record straight - he was taken care of immediately and his letters are out of line. Thank you.

Jay M. Hoffman, Radio Shack 01-8085, 2501 W. Parmer Lane, Ste. 100, Austin, TX, 78727-4223, 512-835-9550, FAX 512-835-9509 Radio Amateur KA5OST, Radio Shack since 1979, Senior Manager, Leaders Club Member.

3-21-95:Gerald Scmitt writes:

Mr Hoffman,

A couple of suggestions for you. Get your facts before accusing anyone. I did not let the contract go past the time limit and thus buy myself some interest. I know what the plans and the rules are.

Put a disclaimer on your mail I thought you represented Tandy management and was my flame thrower ever ready. A quick call to corporate HQ led me to the store where you apparently are a sub-manager or sales driod or something. The attitude you display is the very attitude that keeps a lot

of people out of the Shack.

As to your comments about the scanner it is OK but not that special. My old 2004 has a lot less RF leakage and the Icom R-100 puts it in the toilet in performance. I bought it to work pacsats (packet satellites) with but found a better solution in the Icom-281 so I will sell the thing.

I will do you the favor of not forwarding your post further than to the store manager although Fort Worth was interested in seeing it. Oh by the way I am not in the least embarassed but any of my posts.

3-21-95:Gerald Scmitt writes:

I don't know quite who Jay M. Hoffman is but perhaps he would be interested in the facts. I bought the scanner on plan #15 six months 0 interest. During the six months I also purchased some other things. I made it a point to pay every month enough to cover current purchases and pay on the scanner. Many months the statement said nothing due but I always paid anyway. As I understand the RSVP card agreement if it is paid in full each month no interest accrues. Since I paid the last in first out each month plus covering the scanner I should have owed no interest. Instead I was charged interest on the entire ballance.

I wasn't particularly mad about it. I did find the same thing had happened to a number of hams locally by asking questions on the local nets. My post was intended as a "heads up" to buyers intending to take advantage of the 0 percent interest deals. I performed as per the conditions of the credit promotion Tandy Bank did not.

Upon rereading your letter Mr. Hoffman I am now mad. If you are associated with Radio Shack your response is very poor. Perhaps your new slogan should be: "You question us, we get an attitude."

I would greatly appreciate it if anyone could provide me with the Tandy HQ phone number I think it is time to talk to the folks.

--
****
* Joe Jarrett, K5FOG |Please dont call me a liberal _or_ a *
* joejarre@netcom.com |conservative. I don't subscribe to *
* Information Storage Devices FAE | the "PC" list of either side. *
* Austin, Texas | I think for myself. *
"""
* These are my ideas alone. Don't blame anyone else! *
****

3745. Re: PRO-2035 QUESTION

Newsgroup: rec.radio.scanner
Date: 1995-03-22 04:51:36 UTC
From: kevin@beacons.cts.com
Message-ID: <1995Mar22.045136.4987@beacons.cts.com>
Source record: 259765

In article <8A56261.059E000188.uuout@iotp.com> bill.funk@iotp.com (BILL FUNK) writes:
>
>On 12 Mar 95 07:46pm, KEVIN SANDERS wrote to ALL:
>
> KS> I just bought a PRO-2035 and have a question. There are a few cellular
> KS> frequencies within an advertised band range on this radio, and it is
> KS> completely deaf on these frequencies. However, at least 1 business
> KS> frequency in the same band range comes in fine. Does it actually lock
> KS> out individual frequencies within a band? How do they do this? My
> KS> PRO-39 has no problem with any of these frequencies.
>
> Interesting. Could you list the frequencies involved? Both the cell freqs
> involved, and the advertised band coverage?
> No, the '35 doesn't lock out specific frequencies, just bands.
> How do you like the memory configuration (10 banks of 100 memories)?

One example is 863.150. This is a cellular freqency in this area and comes in really strong on the PRO-39 with a rubber duck, but isn't heard *at all* by the 2035. That is, you don't hear anything even with the squelch wide open, and it doesn't stop here when scanning. In other areas of the country this is a business frequency (trunked), at least according to the frequency chart I have.

863.250 *is* a business frequency here and it comes in on both the PRO-39 and the PRO-2035 with about the same strength, using identical antenna configurations.

The advertised bands of the 2035 are 760-824, 849-869, 894-956.

Too bad I don't have a signal generator which will go that high, that would make for a definitive test.

BTW, 100 memories per bank is way too many. It always scans through the empty memories, so for fastest scanning you have to lock out the unprogrammed ones. And while I'm grousing, the tuning knob only works in certain modes, not always when you would like it to.

Kevin Sanders

3746. Re: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-22 05:51:41 UTC
From: stavros@agora.rdrop.com
Message-ID: <D5tuy5.I0K@agora.rdrop.com>
Source record: 259766

In article <3kijng$m79@umcc.umcc.umich.edu>,
Les Butler <lbutler@umcc.umcc.umich.edu> wrote:
>In article <8A5736F.059E0001CA.uuout@iotp.com>,
>BILL FUNK <bill.funk@iotp.com> wrote:
>>
>>On 14 Mar 95 02:20pm, FRAN OLSON wrote to ALL:
>>
>> FO> And I have a list of the states that can and cannot have scanners
>> FO> in their vehicles. (that means any type of a receiver capable
>> FO> of receiving law enforcement type frequencies on DC power.)
>> FO>
>> FO> Amateur Radio operators are exempt in most states because amateur
>> FO> radio plays a big part in disasters of all sorts.
>>
>> Almost, but no cigar...
>> Ham operators are exempt in ALL states from bans on having HAM equipment
>> that's capable of receiving law enforcement frequencies, because it's
>> federal law (recently strongly interpreted that way by the FCC).
>> This does not address scanners in any way; states & localities can still ban
>> their use in vehicles.
>> * Silver Xpress V4.00 SW12853
>Before you go out on a limb and include ALL states you really should have
>a copy of all state laws.
>
>In Michigan the law reads as such:
>MCL750.508
>
>Sec. 508
>Any person who shall equip a vehicle with a radio receiving set that will
>receive signals sent on frequencies assigned by the Federal
>Communications Commission of the United States of America for police
>purposes, or use the same in this state unless such vehicle is used or
>owned by a peace officer or a bona fide amateur radio operator holding a
>technician class, general, advanced or extra class license issued by the
>federal communications commission, without first securing a permit to do
>so from the director of the department of state police upon application
>as he or she may prescribe, shall be guilty of a misdemeanor, punishable
>by imprisonment in the county jail for not more than 1 year, or by a fine
>of not more than $500.00, or by both fine and imprisonment in the
>discretion of the court.
>(2) This section shall not be construed as resrticting the use of radar
>detectors.
>
>As you can see you may carry a scanner in Michigan if you are a Licensed

>Ham of Tech or above.
>
>The above was quoted from the state law and a letter I received from The
>division Commander of Communications of the state of Michigan.
>
>Also many states allow anyone to carry a scanner and use it in the
>vehicle. Two I know of are Ohio and Ca.
>

Hmmm.... the way I read that, anybody can carry a mobile scanner as long as they get a permit from the department of state police (in the state of Michigan).

TTFN

-Steven

3747. Need Nascar freqs quick!

Newsgroup: rec.radio.scanner
Date: 1995-03-22 06:01:02 UTC
From: I1700004@UNIVSCVM.CSD.SCAROLINA.EDU
Message-ID: <17369E4ES85.I1700004@UNIVSCVM.CSD.SCAROLINA.EDU>
Source record: 259767

I'm going to Darlington this weekend and I need to know the updated NASCAR frequencies. I want Winston Cup, Busch, and IROC. Thanks.
Shawn Morse

3748. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-22 06:55:35 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <xgx7mr3.donhayes@delphi.com>
Source record: 259768

I traveled back and forth from NY to SFO for almost 2 years every month and carried both my scanner and 2 meter ham radio in my briefcase. I never had a problem or even had a question at any of the security points. You should ask the captains permission before attempting to use the scanner on the plane. He would probably not be a happy camper if it interferes with his navigation equipment. A little courtesy goes a long way sometimes !! Have a safe trip!

3749. Re: NASA Frequencies in NYC

Newsgroup: rec.radio.scanner
Date: 1995-03-22 07:00:46 UTC
From: Don Hayes <donhayes@delphi.com>
Message-ID: <xC6Y+H+.donhayes@delphi.com>
Source record: 259769

Sorry for the late response Peter. Note this repeater freq for Shuttle Comms, 146.610. This repeater is in northern New Jersey, (West Paterson) and is on Garret Mountain so it gets good coverage. They have every Shuttle mission on and it's great. Once again, 146.610. Listen and enjoy !!!

3750. Re: CHP radio codes(add)

Newsgroup: rec.radio.scanner
Date: 1995-03-22 07:02:11 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3koi1j$si0@ixnews2.ix.netcom.com>
Source record: 259770

In <D5roF0.40n@zimmer.CSUFresno.EDU> kjk00@mondrian.CSUFresno.EDU (Ken Koller) writes:

>
>In article <3kjet0$c8k@ixnews2.ix.netcom.com>, ()
<chrisQ@ix.netcom.com> wrote:
>>Here are the Ca. Highway Patrol codes
>>10-1 Receiving Poorly 11-24 Abandoned Vehicle
>>10-2 Receiving Well 11-25 Traffic hazard
>>10-4 Acknowledge (ok) 11-26 Disabled Vehicle
>>10-5 Relay Message 11-41 Ambulance Required
>>10-6 Busy 11-44 Coroner's Case
>>10-7 Out of Service 11-48 Furnish Transportation
>>10-8 In Service 11-51 Helicopter Landing
>>10-9 Repeat last message 11-71 Fire
>>10-10 Off duty 11-79 Accident-Ambulance
Sent
>>10-11 Identify mobile call sign 11-80 Accident-Serious
injury
>>10-14 Provide Escort 11-81 Accident-Minor injury
>>10-15 Prisoner in Custody 11-82 Accident-Non-injury
>>10-17 Relay Papers, supplies, etc. 11-83 Accident-No Details
>>10-19 Return to Station 11-84 Direct Traffic
>>10-20 What is you location? 11-85 Request Tow Truck
>>10-21 Telephone 11-98 Meet the officer
>>10-21A Telephone your home
>>10-28 Vehicle Registration check
>>10-29 Check for wants
>>10-36 Confidential information
>>10-37 What time it it?
>>10-39 Message or item delivered
>>10-97 Arrived at scene.
>>10-98 Finished last detail
>>
>>
>>This list was complied about 3 years ago so some things might have
>>changed, but it should give you some idea of what's going on.
>>
>>I also have the regional codes for San Diego County and many other
>>things in Southern cal. Hope this helps.
>>
>
>Just a couple of additions:
>

>a 11-25 X-ray is a disable female motorist
>23152 is a reckeless driver
>23151 is a drunk driver
>(These might be the other way around)
>
>
>
> --
> Ken Koller
> Reporter/Photographer - The Daily Collegian
> California State University, Fresno
> "Actually, I am a lab mouse on stilts"
>
>
> kjk00@mondrian.csufresno.edu
>

any thing with an X refers to a female and 23152 and 23151 are not 10 or 11 codes but actually refer to the sections in the california vehicle code that state what the violation is. It is just eaiser for the cops to say those on the radio then to say a long drawn out word description.

23152 is DUI
23103 is reckless driving, 23103.5 is a guilty plee (plee bargan for DUI)

3751. So. Cal Mil Air Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-22 07:50:03 UTC
From: jwayda@netcom.com
Message-ID: <jwaydaD5u0FG.5wr@netcom.com>
Source record: 259771

Does anyone know of any military aircraft frequencies that are very active in the Northern Orange County, CA area. Any frequencies would be greatly appreciated.

Thanks,

jwayda@netcom.com
jim@ttech.com

3752. HELP NEED FREQ.NEW YORK LIFE

Newsgroup: rec.radio.scanner
Date: 1995-03-22 10:24:14 UTC
From: twhitman@interport.net
Message-ID: <3kotse$psp@interport.net>
Source record: 259772

I am in need of the freq. Security uses at the New York Life Building in NYC.
I have done all the common things of finding out, looking at radio,
asking to see station licences, no luck. I do know that thay are on vhf
hi but thats avout all. thanks.

3753. Re: Mods for Bearcat sc-150B?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 10:27:07 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3kou1r$a4l@hptemp1.cc.umr.edu>
Source record: 259773

Loco854795 (loco854795@aol.com) typed:
: Does anyone know if any mods exist for the sportcat models? Please e-mail
: if so.

: Thank You,
I would also like to know if there are any mods. Post here, or e-mail me if
you know of any.
Thanks,
--
Ben Lerman
lerman@umr.edu

3754. Re: Shadow Traffic NYC Ar

Newsgroup: rec.radio.scanner
Date: 1995-03-22 12:03:00 UTC
From: Dominic.Post@f594.n107.z1.fidonet.org
Message-ID: <835_9503231320@nisc.fidonet.org>
Source record: 259605

TO : n2ayj@n2ayj.overleaf.com

N2>>I'm looking for freqs that Shadow Traffic uses in the NYC tri-state
area.
N2ayj;
Here some.
News Frequency- 03-21-95
DgP

61 -31 155.565
62 -32 455.350 NBC Helo
63 -33 455.3375 NBC Helo
64 -34 450.800 Good Blimp
65 -35 173.275 The Record
66 -36 154.570 The Record
67 -37 452.975 Shadow Traffic
68 -38 453.000 Shadow Traffic
69 -39 455.5625 Shadow Traffic
70 -40 450.8125 Metro Traffic
71 - 450.925 Shadow traffic
72 - 450.137 Shadow traffic
73 - 455.6625 Shadow traffic
74 - 455.150 WPIX
75 - 450.775 CNN
76 - 450.675 CNN
77 - 450.250 WWOR
78 - 450.1875 WNYW
79 - 450.350 CBS

Good Blimp
65 -35 173.275 The Record
66 -36 154.570 The Record
67 -37 452.975 Shadow Traffic
68 -38 453.000 Shadow Traffic
69 -39 455.5625 Shadow Traffic
70 -40 450.8125 Metro Traffic
71 - 450.925 Shadow traffic
72 - 450.137 Shadow traffic
73 - 455.6625 Shadow traffic
74 - 455.150 WPIX
75 - 450.775 CNN
76 - 450.675 CNN
77 - 450.250 WWOR
78 - 450.1875 WNYW
79 - 450.350 CBS

3755. Shadow Traffic NYC Area

Newsgroup: rec.radio.scanner
Date: 1995-03-22 12:03:00 UTC
From: Dominic.Post@f594.n107.z1.fidonet.org
Message-ID: <836_9503231320@nisc.fidonet.org>
Source record: 259606

TO : mjanacek@aol.com

Mark: try these.
MJ>I'm looking for freqs that Shadow Traffic uses in the NYC tri-state area.
MJ>Can anyone help?
News Frequency- 03-21-95
DgP

61 -31 155.565
62 -32 455.350 NBC Helo
63 -33 455.3375 NBC Helo
64 -34 450.800 Good Blimp
65 -35 173.275 The Record
66 -36 154.570 The Record
67 -37 452.975 Shadow Traffic
68 -38 453.000 Shadow Traffic
69 -39 455.5625 Shadow Traffic
70 -40 450.8125 Metro Traffic
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75 - 450.775 CNN
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77 - 450.250 WWOR
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66 -36 154.570 The Record
67 -37 452.975 Shadow Traffic
68 -38 453.000 Shadow Traffic
69 -39 455.5625 Shadow Traffic
70 -40 450.8125 Metro Traffic
71 - 450.925 Shadow traffic
72 - 450.137 Shadow traffic
73 - 455.6625 Shadow traffic
74 - 455.150 WPIX
75 - 450.775 CNN
76 - 450.675 CNN
77 - 450.250 WWOR
78 - 450.1875 WNYW
79 - 450.350 CBS

3756. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-22 12:33:15 UTC
From: L694047@LMSC5.IS.LMSC.LOCKHEED.COM
Message-ID: <173694017S86.L694047@LMSC5.IS.LMSC.LOCKHEED.COM>
Source record: 259774

In article <3kn5n9$2ds@newsbf02.news.aol.com>
attgeorgew@aol.com (ATTGeorgeW) writes:

<stuff deleted>
>
>Bill Funk is the most accurate here but still not 100%. An *unmodulated*
>carrier is transmitted at the target. That signal is Doppler shifted by
>the moving target and returns to the source. Back at the source, it is
>mixed with the transmitting signal (with no Doppler shift) to get a
>difference frequency. This difference frequency corresponds to the
>Doppler shift and is proportional to the speed of the target.

<more deleted>

>Not true. The moving source emits a single carrier. Some of that signal
>is reflected by stationary objects and some of that signal is reflected
>by the target. Because each of those items is moving at different
>relative speeds, two different Doppler-shifted signals are reflected.
>The source again mixes the reflected signals with the transmitted
>signal to get the difference frequencies. A little signal analysis
>determines the difference between the two speeds to get the speed
>of the target.

< yep - more deleted>

>George Warner
>
I don't know about all police radar, but George has certainly hit the
nail on the head with respect to how the Kustom Signals KR-10 works, or
at least the way it is described in the tech manual. Unmodulated carrier,
return frequency mixed with transmitted frequency, the *difference* in
these being filtered, counted, and displayed. Same thing when in the
moving mode ... returned signals bouncing off lots of stuff (cars, trees,
the road itself). The *biggest* returned signal is (usually) from
stationary objects, such as the pavement. The next biggest is assumed
to be the target. These are treated in the same way, with the patrol speed
being calculated from the biggest signal, and the target speed being
calculated from the next-biggest by subtracting out the patrol speed.
This doesn't always work, of course, because passing a really large
truck in the oncoming traffic lane will cause the unit to think that the
patrol car is going the speed of (patrol car's speed + dump truck's speed)
since it will be the largest reflection. For this particular model, and
perhaps all, in moving mode you will not get a particularly meaningful
(IMO) reading for vehicles moving in the same direction. You
go 70, he goes 60, if anything, the unit will show a target
speed of 10. This applies to the model listed above; perhaps something a

little newer with more sophistocated logic can do better. Speeds of less than 9 or 10 are filtered out anyway because the output of the mixer is not significantly different from the source.

Question (because the manual does NOT say) - Is the output signal polarized? Is it circular? Would the return then be circularly polarized in the other direction?

If I'm driving down I-95 with this thing transmitting, assuming it's at the same frequency as Smokey (24.125 GHz), what's it going to show on his unit? Will polarization keep it him from seeing it? Will it act just like a really strong return, giving him a real good picture of my speed?

Corrections/replies welcome.

Fred N. Zuschlag
E-MAIL ZUSCHLAG@LMSC.LOCKHEED.COM

3757. Pro-2026 to DC-440 Decoder help.

Newsgroup: rec.radio.scanner
Date: 1995-03-22 12:43:20 UTC
From: tja@netcom.com
Message-ID: <tjaD5uE08.7y1@netcom.com>
Source record: 259575
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have a Pro-2026 scanner and I just bought an Optronics DC-440 Tone decoder
which I would like to interface the two. I need to find a point where I
can connect and get a signal before the low frequencies are filtered out
so that I can decode PL & DPL signals.

Help! Does anyone have a diagram???

Tom - WB1L

--

T.J. Alessi & Associates Inc. Internet E-Mail: Tom@Stamford.Com
Engineering & Consulting Services WWW URL=ftp://ftp.netcom.com/tj/tja/
P.O. Box 4157 Packet: WB1L@WB2QJA.#ENY.NY.USA.NOAM
Stamford, Connecticut 06907-0157 Phone or FAX: +1.203.969.1880

3758. Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 13:05:00 UTC
From: smeier@uspto.gov
Message-ID: <3kp79s$310@pioneer.uspto.gov>
Source record: 259576

Anyone had any experience with the latest rechargeable alkaline craze? I invested a small fortune in the "Millenium" Ni-Cad's which are better than standard Ni-Cad's but are rechargeable alkalines worth the investment?

Also, can you just use normal alkalines? Isn't the technology based upon the charger circuitry and not the battery?

Any suggestions of a particular brand name that you have had good experience with?

Stephen Meier

3759. Re: Black Jaguar Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-22 13:17:57 UTC
From: paul@termcon.demon.co.uk
Message-ID: <850874108wnr@termcon.demon.co.uk>
Source record: 259577

Hi Simon,

I remember this scanner from a while back, If I remember correctly
they were quite limited on the frequency coverage, and the mode
was fixed on each band. Reception was quite good, but the
limits on the frequncey were the downside.

All the best Paul.

p.s. Check out alt.radio.scanner.uk someone there might know ?

--
Paul Jones.
Email-paul@termcon.demon.co.uk PGP2.6 Key Available
Usenet-alt.radio.scanner.uk
IRC-nick/Paul-J Channels @#ukscanner #fulldisclosure

3760. Re: Frequencies for Mammoth Mountain, CA Ski Resort?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 13:39:48 UTC
From: bundy@webe.hooked.net
Message-ID: <3kp9b4$h93@webe.hooked.net>
Source record: 259578

lubecke@tumbler-ridge.caltech.edu () wrote:

>
>
>Does anybody know the ski patrol frequencies for the
>Mammoth Mountain ski resort? I would also like any
>other possibly interesting frequncies (police, park
>rangers, etc) used nearby.

See my post to you in alt.radio.scanner.

3761. Re: Recharging alkaline rechargeables

Newsgroup: rec.radio.scanner
Date: 1995-03-22 13:40:34 UTC
From: brayman@apt01.kodak.com
Message-ID: <3kp9i4$ebf@kodak.rdcs.Kodak.COM>
Source record: 259579

jmeyers@arn.net (Jack Meyers) wrote:
>OK, I've partially abandoned my pathetic Ni Cad reliance and, based upon
>recommendations here, I went out and bought some AA rechargeable alkaline
>batteries.
>
>Now what do I do when they run down?

Don't throw out your nicads just yet. I bought the rechargeable alkalines after they first came out, along with the charger. I have recently switched back to nicads, and junked the alkalines. I found that after 6-10 recharge cycles the alkalines held almost no charge, and were useless.

3762. Re: San Fran/Oakland CA freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-22 13:42:41 UTC
From: bundy@webe.hooked.net
Message-ID: <3kp9gh$haf@webe.hooked.net>
Source record: 259580

stavros@agora.rdrop.com@firstdue.uu.holonet.net
(STAVROS@AGORA.RDROP.COM) wrote:

I'm looking for Police, fire and traffic freqs for
>SF/Oakland CA. I'll be down there in a week or two, so
>if you have something interesting, please let me
>know.

I've gotta ton of them, but I'm running out the door right now.
E-mail me and I'll shoot them to ya.

Bundy
Paramedics Unlimited

3763. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-22 13:50:45 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <3kp9vm$6v6@usenet.INS.CWRU.Edu>
Source record: 259581

In a previous article, glm@xmission.com (Gary Moncur) says:

>In article <3khk62$d1c@roch0.eznet.net>, D Stark <dstark@eznet.net>
>wrote:
>>Here are a couple of "mystery" callsigns heard on UHF aero
>>freqs near the US/Canada border in NY state.
>>
>>BANDSAW OMEGA
>
>The BANDSAW callsigns are E-3B's from the 552nd AWC, Tinker AFB
>
>>NORTHERN LIGHTS
>
>I show this one as ACC radar intercept in Houston or
>NE Air Intercept Cround Cntl, Tyndall AFB, FL
>though neither one makes much sense for where you heard it. Do you
>have any more info?

Is there a book or something where you look these up? Or
do you just get the information while monitoring?

Eric

3764. Pro-43 for trade.

Newsgroup: rec.radio.scanner
Date: 1995-03-22 13:59:30 UTC
From: Marc Neveux <marcn@rain.org>
Message-ID: <3kpag2$erm@news.rain.org>
Source record: 259582
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Radio Shack Pro-43 in mint condition with box, manual, nicads and charger. Cellular has also been restored.

I'm looking for a quality shortwave receiver such as a Kenwood R-1000 or R-2000 or equivelant.

Marc - Thousand Oaks, Ca

3765. Universal M400

Newsgroup: rec.radio.scanner
Date: 1995-03-22 14:05:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <760_9503221800@rccons.lm.com>
Source record: 259612

Reply-To: rccons!aosc_pa@telerama.lm.com
X-FTN-To: mcdermd@iia.org

21 Mar 95 03:14, mcdermd@iia.org wrote to All:

m> Can anyone tell me the way to convert the pager ID displayed on the
m> M400 to the actual cap code? I seem to remember seeing a posting here
m> not too long ago on this subject but since I don't have a M400 I
m> didn't take
m> note. However a friend now has one and he is looking for the info.

Last I heard the display is in base 8 OCTAL so any calculator that will convert
from octal to decimal (base 10) will work.

Rick Christian, AAJP/BSEE
AOSC PA Editor
PCO Peters Twp. P.D. @ Washington Co. E911
Internet:rccons!aosc_pa@telerama.lm.com

... Save the whales, Nuke Greenpeace instead.

3766. PRO-38

Newsgroup: rec.radio.scanner
Date: 1995-03-22 14:12:42 UTC
From: zulu@msg.ti.com
Message-ID: <3kpb8q$nka@superb.csc.ti.com>
Source record: 259583
Cross-posted to: al.radio.scanner,rec.radio.scanner

newbie asks:

I have a PRO-38 from Radio Shack. Can this scanner be modified? Is this scanner good or should I consider purchasing a new one? Any other info would be appreciated...

Thanks,
zulu@msg.ti.com

3767. PRO-38

Newsgroup: rec.radio.scanner
Date: 1995-03-22 14:14:29 UTC
From: zulu@msg.ti.com
Message-ID: <3kpbc5$nkq@superb.csc.ti.com>
Source record: 259584

newbie asks:

I have a PRO-38 from Radio Shack. Can this scanner be modified? Is this scanner good or should I consider purchasing a new one? Any other info would be appreciated...

Thanks,
zulu@msg.ti.com

3768. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 14:21:22 UTC
From: domonkos@access.digex.net
Message-ID: <hm2SliubGYyF079yn@access.digex.net>
Source record: 259585

In article <3kp79s$310@pioneer.uspto.gov>,
smeier@uspto.gov (Stephen Meier) wrote:
> Anyone had any experience with the latest rechargeable alkaline craze? I
> invested a small fortune in the "Millenium" Ni-Cad's which are better than
> standard Ni-Cad's but are rechargeable alkalines worth the investment?
>
> Also, can you just use normal alkalines? Isn't the technology based upon
> the charger circuitry and not the battery?
>
> Any suggestions of a particular brand name that you have had good experience
> with?
>
> Stephen Meier

Rechargeable alkalines are based on a different technology that results in a rechargeable, though somewhat reduced capacity, alkaline cell. I will only use rechargeable alkalines since I have had excellent results with them. The amount of charge left in them during use is more predictable than nicads.

They don't have a memory effect that nicads do, therefore I often 'top off' the batteries before extended use. This type of recharging can lead to a much higher than the 25 recharge cycles Rayovac claims. One thing I did notice, the documentation states AA's get recharged in 3-5 hours, but I noticed the capacity seems much larger if you recharge for 12-18 hours. They cannot be overhcarged since the pulse charger stops at 1.65 volts, but it will maintain the charge at 1.65 v. I don't recommend leaving it on charge but the people I know who claim no adverse effects and you always have a 'topped off' set ready to go.

Try them, you'll be pleasantly surprised.

Andy

3769. FS PRO39 MODIFIABLE!

Newsgroup: rec.radio.scanner
Date: 1995-03-22 15:14:24 UTC
From: opp@worldweb.net
Message-ID: <opp-2203951214240001@line116.worldweb.net>
Source record: 259586

I have a mint condition RS PRO 39 handheld scanner which is much like the PRO43. 200 channels, hyperscan, etc and has a date code of 11A3. Come with manual, etc. Ready for mods. Best offer. Please e-mail.

--
And that's the way it was...

3770. Re: IC R1 *UNBLOCKED* FOR SALE or trade

Newsgroup: rec.radio.scanner
Date: 1995-03-22 15:16:49 UTC
From: opp@worldweb.net
Message-ID: <opp-2203951216490001@line116.worldweb.net>
Source record: 259587

In article <3k1pvd$692@eugene.convex.com>, horak@convex.com (David Horak) wrote:

> In <3jq1bm$7ae@anshar.shadow.net> marcelo guevara <argentin@shadow.net>
writes:
>
> >IC R1 *unblocked* full coverage to 1300 MHZ for sale or trade .
> >I want $500 US dollars or a IC 100.
> >Everything is include accesories, manuals, guaranty, box...
>
> They go for about $479 brand new, although the newer ones may be 869-894
> blocked. At least you are becoming more reasonable from your original
> post wanting, what was it, $750? The R1 is known to be a cheap receiver
> and I would personally pay $50 more for a MVT7100 or $150 more for a AR8000.
>
> David

I wouldnt touch an R1 with a Pro43. I had one and it's really junk. Small speaker, terrible intermod. The only thing interesting about it is its cuteness. Otherwise forget it. Programming is a oain and not worth it anyway. The previous of course is IMHO.

--
And that's the way it was...

3771. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-22 16:21:17 UTC
From: glm@xmission.com
Message-ID: <3kpj8r$424@news.xmission.com>
Source record: 259588

In article <3kp9vm$6v6@usenet.INS.CWRU.Edu>,
ah595@cleveland.Freenet.Edu (Eric J. Hess) wrote:
>
>In a previous article, glm@xmission.com (Gary Moncur) says:
>
>>In article <3khk62$d1c@roch0.eznet.net>, D Stark <dstark@eznet.net>
>>wrote:
>>>Here are a couple of "mystery" callsigns heard on UHF aero
>>>freqs near the US/Canada border in NY state.
>>>
>>>BANDSAW OMEGA
>>
>>The BANDSAW callsigns are E-3B's from the 552nd AWC, Tinker AFB
>>
Is there a book or something where you look these up? Or
>do you just get the information while monitoring?
>
>Eric

I maintain the callsign list for Steve Douglass who publishes the
Intercepts Newsletter. The list is about 2400 callsigns long. I
would send it to you, but it is the property of Steve.

If you are interested in buying the callsign issue or subscribing
to the newsletter, here is all the dope:

Steve Douglass
Intercepts
PO Box 7176
Amarillo, TX 79114-7176

The newsletter is very good and well worth the subscription price.
It is 6 pages long (both sides of 3 sheets) on 8 1/2 x 14 paper. The
price is $18 per year if you get it in before April 1st. After that
the price is going up to $20. Back issues are usually $3.00 each
(include a SASE - a legal sized one). I'm not sure what Steve will
charge for the callsign issue because it is twice as big as the
regular ones. You can contact Steve and ask him about it if you are
interested. His email address is: STEVE1957@AOL.COM.
Sometimes he is pretty slow at responding to email. He also writes
for Popular Science and is very busy. If you contact him, tell him I
sent you. (Prices will vary for international mailings.)

Before I get flamed, I am an unpaid, volunteer member of the
Intercepts staff. I have absolutely no interest in rather you
subscribe or not. If anyone has any questions about particular

callsigns or bases, I will try to answer.

Also, if you can give me any info about any callsigns, aircraft, and the base they are assigned to, I would really appreciate it. The callsign list we have is from scanner listener's input We do not ask for anything that is classified or sensitive. What we are after is the routine callsigns assignged to aircraft at their home bases. For example: CORVETTE F-16 388th FW, Hill AFB, Utah

Regards,

-Gary
glm@xmission.com -Salt Lake City, Utah USA-

~!

3772. Re: BC 2500XLT question

Newsgroup: rec.radio.scanner
Date: 1995-03-22 16:49:24 UTC
From: rdcole@crl.com
Message-ID: <3kpkek$qs@crl6.crl.com>
Source record: 259589

Zeet (newt@halcyon.com) wrote:
: I have a BC2500XLT, and I love it. But I have one question - How long
: is the memory held? So far, I have not had the scanner's battery run
: out without another to replace it, but this is a big question for me,
: as I really don't want to type in 350 channels again. :) Does anybody
: have the service manual? Thanks.

I just purchased on from a friend who had the thing sitting on the shelf
for months. The battery was dead. I pluged the thing in and there were
some 50 channels still in memory.

He was selling it because he was not using it, Heck I have had the thing
under a week and have over 200 channels in it..

Ron

3773. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-22 16:52:16 UTC
From: rdcole@crl.com
Message-ID: <3kpkk0$s3@crl6.crl.com>
Source record: 259590

Don Hayes (donhayes@delphi.com) wrote:
: I traveled back and forth from NY to SFO for almost 2 years every month and
: carried both my scanner and 2 meter ham radio in my briefcase. I never had a
: problem or even had a question at any of the security points. You should ask
: the captains permission before attempting to use the scanner on the plane. He
: would probably not be a happy camper if it interferes with his navigation
: equipment. A little courtesy goes a long way sometimes !! Have a safe trip!

I have been asked to turn the gear on to proive that it's a real radio
but other than that on problems, oven over seas inot the carabeian and
Asia, Japan, Singapore, Hong Kong, Jakarta.

Ron

3774. Re: Scanner Law (chart) == Personal Apology

Newsgroup: rec.radio.scanner
Date: 1995-03-22 16:54:51 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3kpkor$rs@ecom3.ecn.bgu.edu>
Source record: 259591

Put the chart back.
If anyone finds fault, let them correct the errors.
I found it usefull.
(or as Rush fans would say, 'dittos')

-==-
Dave

3775. Re: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-22 17:16:39 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3kpm1n$kl@umcc.umcc.umich.edu>
Source record: 259592

Steve, you read it correctly. All you need to do is fill out an application for the permit and if approved you can legally carry a scanner in a motor vehicle in Mich.
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

3776. Re: How police radar works???

Newsgroup: rec.radio.scanner
Date: 1995-03-22 17:17:44 UTC
From: netzel@neon.afsac.wpafb.af.mil
Message-ID: <netzel.795892664@neon.afsac.wpafb.af.mil>
Source record: 259593

hacker@patagonia.bellcore.com (Jonathan Hacker) writes:

>In article <3k8st3$7pg@ixnews4.ix.netcom.com>, chrisQ@ix.netcom.com (()) writes:
>>In <3k810d$3jn@hopper.acm.org> mulligan@ACM.ORG (F. Barry Mulligan)
>>writes:
>>
>>>> Radar signals (Rf) travels at a constant speed of of 1 mile
>>>> in 6.18 microseconds.
>>>
>>>Errr... a radar pulse travels one nautical mile in 6.18 us. Last time I
>>>checked, most jurisdictions measure speed limits in statute miles. Your
>>>military electronics instructors were correct, they just left out some
>>>of the details <g>.
>>> /* barry /&
>>
>>Very true about being a nautical mile but I never heard of not being
>>able to use such a measurement on land!

>He was just correcting the original statement that RF signals
>propagate at 'a constant speed of of 1 mile in 6.18 microseconds.'
> ^^^
>Where such a measurement can be used was never under discussion.

>I will further nitpick and say that it is only constant in a vacuum,
>and in air the actual speed is 6.1777...*sqrt(Er) micro-s/naut-mile where
>Er is the relative dielectric constant which is a function of
>air density (and a lot of other things).

...and I will see your nit-pick and raise you a creme de la creme...a
RADAR MILE is 12.36us or the "round trip" and is ONLY used for pulse
transmissions. so much for 20 plus years of military pulse radar work.
Police radar uses doppler shift and Police Laser guns use "PULSED"
IR, thats how they can also use it during accident investigations to
measure "distance" at the accident scene, can't do that with a police
radar gun.....ya'all have a good one.........

Fred

3777. PRO-51 - Looking for Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-22 17:23:04 UTC
From: professr@netaxs.com
Message-ID: <3kpmdo$7rb@netaxs.com>
Source record: 259594

```
I am looking for any mods for a RS Pro-51 handheld. There is a link to a
database of mods for just about every scanner I've ever heard of (except
mine) in my web page, check it out. Please e-mail me with the pro-51 mods.
Thanks
The Professor

--
=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+

I am The Professor, I run The Proessor's Notebook BBS - (215)483-5144
Check out my web page --> http://www.netaxs.com/people/professr

=+=+=+=+=+=+=+=+=+=+tous les opinions sont les miennes=+=+=+=+=+=+=+=+=+=+=+=+
```

3778. Startek ATH-15 w/acc. $125

Newsgroup: rec.radio.scanner
Date: 1995-03-22 17:42:21 UTC
From: eskin@btree.brooktree.com
Message-ID: <3kpnht$hqr@btree.brooktree.com>
Source record: 259595

Startek ATH-15 frequency counter w/one shot option, case, charger, and antenna $125.00 as new. Selling because I bought a Scout.

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

3779. FOR SALE AND WANTED

Newsgroup: rec.radio.scanner
Date: 1995-03-22 18:11:37 UTC
From: lflaxman@intellinet.com
Message-ID: <3kpp8p$nnd@hermes.sibylline.com>
Source record: 259596

For sale: 1 BP-90 Battery Pack for Icom handhelds (ie. IC-R1)
1 PowerStar 12vdc > 120vac inverter. Lets you run your ham
gear from you cars 12vdc lighter plug.

* MAKE OFFER ON ABOVE*

Also, looking for an Opto Scout Model 40, or Model 25, if it is
REASONABLE

Please mail lflaxman@intellinet.com

3780. Results of AM on scanner.

Newsgroup: rec.radio.scanner
Date: 1995-03-22 18:14:00 UTC
From: gregjo@wordperfect.com
Message-ID: <gregjo-2203951114000001@pcgjohnson.orem.novell.com>
Source record: 259597

I previously asked how to be able to pickup standard AM broadcasts on my scanner. Many people responded--thank you one and all!
Some people responded: Most scanners don't cover those freqs. (Mine does: AOR1000XLT)
Others responded: Why would you want to do this? (Answer: Just to see if it CAN be done. I do have a car stereo that picks up AM, ya know?)
And now to the results:
Many suggested a VERY long antenna. I haven't got around to trying a 400 foot antenna yet. Maybe later...
Others suggested using a wire-wrapped ferrite bar antenna. I finally went to a thrift store and bought a transistor radio. ($1.99---Oh, what a deal!) I broke it open and stole the ferrite bar, stripped one wire end and shoved it into the hole in the BNC on top of my scanner. Did it work? Yes and No. I tuned to what I consider the strongest local AM station. Without any special antenna, all I get is static. With the ferrite bar antenna attached, I can hear faint sounds. So it did improve the reception! But not enough to make out any of the sounds. I guess it's the old sensitivity problem many people warned me about.
Anyway, I enjoyed this episode!

3781. BC 200XLT question. . .

Newsgroup: rec.radio.scanner
Date: 1995-03-22 18:57:35 UTC
From: mike@huikau.sh-gpl.ti.com
Message-ID: <3kpruv$ovh@barracuda.dadd.ti.com>
Source record: 259598

Does anyone know a key sequence that will unlock all channels
at once. Sometimes I let the battery get a little too low and
they all lock out.

--
Thanks in advance,
Michael Haight mike@sh-gpl.ti.com

3782. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-22 19:22:12 UTC
From: domonkos@access.digex.net
Message-ID: <$G7SliubGMmM079yn@access.digex.net>
Source record: 259599

In article <3kp9vm$6v6@usenet.INS.CWRU.Edu>,
ah595@cleveland.Freenet.Edu (Eric J. Hess) wrote:
>
> Is there a book or something where you look these up? Or
> do you just get the information while monitoring?
>
> Eric

1) Monitoring the Military

2) Northeast Directory of Military Aviation Communications (other regions available also)

Both the above are available from Grove Enterprises. I highly recommend the above, especially #2, which list HF freqs also. Listed by state and there is a freq index for looking up the possible origin of comms when searching freqs. The callsign info was in #1 above.

Andy

3783. Re: Recharging alkaline rechargeables

Newsgroup: rec.radio.scanner
Date: 1995-03-22 19:22:25 UTC
From: domonkos@access.digex.net
Message-ID: <AO7SliubGIbF079yn@access.digex.net>
Source record: 259600

In article <3kp9i4$ebf@kodak.rdcs.Kodak.COM>,
>
> Don't throw out your nicads just yet. I bought the rechargeable alkalines after they
first
> came out, along with the charger. I have recently switched back to nicads, and junked
> the alkalines. I found that after 6-10 recharge cycles the alkalines held almost no
charge,
> and were useless.
>

I still suggest charging for 12-18 hours. It works for me and has yielded
better than the 25 charge cycle claim.

Andy

3784. Re: Results of AM on scanner.

Newsgroup: rec.radio.scanner
Date: 1995-03-22 19:22:33 UTC
From: domonkos@access.digex.net
Message-ID: <yR7SliubGU3R079yn@access.digex.net>
Source record: 259601

In article <gregjo-2203951114000001@pcgjohnson.orem.novell.com>,
gregjo@wordperfect.com (Greg Johnson) wrote:
> I previously asked how to be able to pickup standard AM broadcasts on my
> scanner. Many people responded--thank you one and all!
> Some people responded: Most scanners don't cover those freqs. (Mine does:
> AOR1000XLT)
> Others responded: Why would you want to do this? (Answer: Just to see if
> it CAN be done. I do have a car stereo that picks up AM, ya know?)
> And now to the results:
> Many suggested a VERY long antenna. I haven't got around to trying a 400
> foot antenna yet. Maybe later...
> Others suggested using a wire-wrapped ferrite bar antenna. I finally went
> to a thrift store and bought a transistor radio. ($1.99---Oh, what a
> deal!) I broke it open and stole the ferrite bar, stripped one wire end
> and shoved it into the hole in the BNC on top of my scanner. Did it
> work? Yes and No. I tuned to what I consider the strongest local AM
> station. Without any special antenna, all I get is static. With the
> ferrite bar antenna attached, I can hear faint sounds. So it did improve
> the reception! But not enough to make out any of the sounds. I guess
> it's the old sensitivity problem many people warned me about.
> Anyway, I enjoyed this episode!

What you didn't take from the radio is the variable capacitor tuner which
is part of a resonant tank circuit with the ferrite antenna. The tuning
cap resonates the antenna for the frequency and makes a tremondous difference
to the amount of signal that is delivered to the scanner. You need to
replicate the entire ferrite/tuner section, a bit bulky for the AOR 1000.
A 10 - 20 foot wire may do better, and ground the scanner case to something
in the house.

Andy

3785. Re: 8500 XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-22 19:29:28 UTC
From: "J.Swenson" <jswenson@jswenson.hqsl.stratus.com>
Message-ID: <3kptqo$5v4@transfer.stratus.com>
Source record: 259602

rhartley@cybernetics.net (Randy Hartley) wrote:
>
> Need Cell mod for this radio.
>
> Thanks

With the exception of an outboard converter, there is none.
But on the other hand,try tuning between 1270 to about 1281.....
SURPRISE !

3786. Rechargable alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 19:43:59 UTC
From: smeier@uspto.gov
Message-ID: <3kpulv$nte@pioneer.uspto.gov>
Source record: 259603

Are the rechargeable alkalines worth the investment? I've already spent a small fortune for an arsenal of the "Millenium" Ni-Cad's. I feel they are OK, but for things like flashlights that sit around for 6 months, you still can't beat ordinary alkalines.

Is there any difference between an ordinary alkaline and a rechargeable one. I think the technology lies in the charger not the battery, but I'm not sure.

Any brand name suggestions?

3787. Digital information preceeding police transmissions???

Newsgroup: rec.radio.scanner
Date: 1995-03-22 19:55:02 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3kpvam$2q5@ecom2.ecn.bgu.edu>
Source record: 259604

The county police where I live have some sort of digital
information which is transmitted from their car's radio every time
they transmit. Is anyone familiar with this? What information is
contained in this signal? (I assume it informs the base station
which car is calling, and logged into the computer automatically)
Also, what kind of signal is it? It isn't digital like what I am
familiar with. It doesn't sound like Amateur Packet Radio, which
sounds like what digital information from you PC sounds like. It
sounds more like a series of evenly spaced tones, but all of the
same frequency. So it isn't just a very quick DTMF.
What is it?

Thanks,
Dave

3788. DTMF 'F' ?????

Newsgroup: rec.radio.scanner
Date: 1995-03-22 20:10:03 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3kq06r$50m@ecom2.ecn.bgu.edu>
Source record: 259607

While listening to my Yaesu FT-51R, I had it in its DTMF decode mode, and
was tuned to a frequency with a lot of DTMF activity.
Periodically, the letter F would appear in place of a number.
The tone corresponding to the F was singular. ie One tone produced the F.
What is this?

Thanks,
Dave

3789. Re: CHP radio codes

Newsgroup: rec.radio.scanner
Date: 1995-03-22 20:16:06 UTC
From: kjk00@mondrian.CSUFresno.EDU
Message-ID: <D5uyyu.31t@zimmer.CSUFresno.EDU>
Source record: 259686

In article <Pine.BSI.3.91.950321172012.25757L-100000@also.hooked.net>,
Chris Mayer <cmayer@hooked.net> wrote:
>On Tue, 21 Mar 1995, Ken Koller wrote:
>
>CHP Codes:
> 11-44 Fatality
> 11-79 Accident-Major Injuries
>
>> a 11-25 X-ray is a disable female motorist
>> 23152 is a reckeless driver
>> 23151 is a drunk driver
>> (These might be the other way around)
>
>actually both 23151 & 23152 are the same, I think & a 23103 or 23104 is
>a Reckless driver
>
>-Chris.
>

I belive you are right. I get those things confused. All I know is
that when you hear that on the scanner, drive in the opposite
direction. Why cant they just use something simple?

Ken Koller
Reporter/Photographer - The Daily Collegian
California State University, Fresno
"Actually, I am a lab mouse on stilts"

kjk00@mondrian.csufresno.edu

3790. [NOS] is there a supplier with scanners made pre '95?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 20:20:15 UTC
From: mudaw@uxa.ecn.bgu.edu
Message-ID: <3kq0pv$6s2@ecom2.ecn.bgu.edu>
Source record: 259608

I am looking for another scanner, manufactured before the cellular ban.
Do any suppliers have any such radios still in stock?

-==-
Dave

3791. Re: Optoscan

Newsgroup: rec.radio.scanner
Date: 1995-03-22 20:35:39 UTC
From: tham@fas.harvard.edu
Message-ID: <3kq1ms$pm4@decaxp.harvard.edu>
Source record: 259609

Cosimo.Delrosso@f593.n107.z1.fidonet.org (Cosimo Delrosso) writes:

>Is there any one online that has installed the optoscan unit into a
>pro2006?

Yeah! I'm one of them.

>If so how easy was it?

With extreme caution, it took me four hours and work OK first time.
Circuit board is professionally made and existing cables goes from 2006 to
the board and supplied cables goes from board to 2006. No drilling or
soldering required, but I did unsolder the backup battery clip to make my
life easier, as suppose to bust up the plastic container with the tip of
a screw driver. I did have to trim the back plate a little, 1/16" so that
the clam shall case closed up neatly.

>how good does it work?

When the program is NOT running on PC, 2006 act as nothing ever happened
to it. You still have your 400 channels to program in by hand.

When the program is running the Opto board took over the CPU and your PC
do the talking. Board is also capable of decoding DTMF/CTCSS/DCS which
factory 2006 cannot do. Scanstar software in particular also have
spectrum analyzer which is pretty neat. It can scan as many channels or
banks as you can put them on file. NOTE: This board DOESNOT program the
factory 2006 memories, It simply takes over.

==========
Fu

3792. Scanner reception problems with the PRO-62

Newsgroup: rec.radio.scanner
Date: 1995-03-22 20:45:19 UTC
From: icrcb@asuvm.inre.asu.edu
Message-ID: <3kpuj6$ibd@news.asu.edu>
Source record: 259610

I recently attended an airshow with my PRO-62. While trying to find the correct frequency, I noticed a man listening to the action. He gave me the correct frequency for the event. Standing right next to him, I could hear the action on his scanner, but mine did not pick it up. Is it possible to cancel out another scanner by being in proximity? On leaving the event, the signal became clear(too late tho). Or does my scanner have a problem?

Also, I find it hard to believe that someone is not working on mods for the PRO-62. If there is, may I inquire to any success with the mods?

Thanks

3793. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-22 21:06:25 UTC
From: glm@xmission.com
Message-ID: <3kq3vv$43d@news.xmission.com>
Source record: 259611

In article <$G7SliubGMmM079yn@access.digex.net>,
domonkos@access.digex.net (Andy Domonkos) wrote:
>In article <3kp9vm$6v6@usenet.INS.CWRU.Edu>,
>ah595@cleveland.Freenet.Edu (Eric J. Hess) wrote:
>>
>> Is there a book or something where you look these up? Or
>> do you just get the information while monitoring?
>>
>> Eric
>
>1) Monitoring the Military
>
>2) Northeast Directory of Military Aviation Communications (other
regions
>available also)
>
>
>Both the above are available from Grove Enterprises. I highly
recommend the
>above, especially #2, which list HF freqs also. Listed by state and
>there is a freq index for looking up the possible origin of comms
when
>searching freqs. The callsign info was in #1 above.
>
>Andy
>
Actually the callsign info was from the book "Military Monitoring"
but Steve Douglass as well as the Intercepts Newsletter callsign
issue. I am the guy who compiled both lists.

I agree about the books. Both ore very good.

-Gary
glm@xmission.com -Salt Lake City, Utah USA-

~!

3794. Re: Rechargable alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 22:19:00 UTC
From: horak@convex.com
Message-ID: <3kq7ok$ha0@eugene.convex.com>
Source record: 259613

In <3kpulv$nte@pioneer.uspto.gov> smeier@uspto.gov (Stephen Meier) writes:

>Are the rechargeable alkalines worth the investment? I've already spent a
>small fortune for an arsenal of the "Millenium" Ni-Cad's. I feel they are
>OK, but for things like flashlights that sit around for 6 months, you still
>can't beat ordinary alkalines.

I think the new Lithium AA batteries may change that. I priced them at
Home Depot for $3.90. At our local Albertsons food store, they are $5.88!
So far, they seem to be holding up well under lots of use. The voltage is
1.7 new so you get around 10 volts out of a 6 pack!

David Horak horak@convex.com
Plano, Texas (not your average plain-O town :-)

3795. Disney freq

Newsgroup: rec.radio.scanner
Date: 1995-03-22 22:54:51 UTC
From: jeff l liberman <jeffl@evansville.net>
Message-ID: <Pine.SOL.3.91.950322165225.8568B-100000@world.evansville.net>
Source record: 259614

I know they been posted a thousand times.

Could some one post or better e-mail Disney World area freq.

Mainly looking for Disney's 800 trunk, and has either Orange county or
Orlando PD gone to 800.

Thanks

Jeff

jeffl@evansville.net

3796. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-22 22:56:15 UTC
From: tom@crosbie.demon.co.uk
Message-ID: <795912975snz@crosbie.demon.co.uk>
Source record: 259615
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

In article <3km1j3$2b4@metroux.metrobbs.com>
cadsuper@big12.metrobbs.com "Rob Holland" writes:

> : Stephen Wassell says:
>
> : " I've been trying, without much success to get some sort of picture from
> : " the strong signal at 137.925Mhz. I guess that it's a weather satellite,
> : " as that's what is sounds like, but I can't get any sort of picture.
>
> : " I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface
> : " definately works, but when it's all connected up I just get at best a
> : " black screen with occasional white dots.
>
> : " What's going wrong here?
>
> I bought a program for about $75 called AEA Fax II which I have used for
> the past year. It comes with software and a device that plugs into the
> RS-232C port of your serial card. It has a wire that comes off of it to
> plug into a shortwave radio which you can decode the following:
> WEFAX (b/w satellite images)
> RTTY (radio teletype)
> CW (morse code)
> NAVTEX(some kind of offshore weather stuff like RTTY, dont know for sure)
>
> and I think that's it. AEA already has out their new version of that
> called AEA FAX III that is basically the same as II, has the same decoder
> and all, but will enhance your b/w pictures with color so you will have
> false color images of the satellite pics that you recieve. It's well
> worth the money.
>
> The most common freq's to find the WEFAX stuff on is 8080 Khz or 9090
> Khz. There are several others, but those are the main ones. (not to
> mention the only ones that come to mind) :)
>
> Consider getting it, it's the best wefax decoder I've used yet.
>
> Rob
>
>
Careful ! AEA FAXIII is basically for decoding WEFAX from shortwave signals and
may not work too well on the NOAA sats. My understanding is that the signals
are in a different format and I am open to education on this! I should shortly
be testing some new low-cost decoding software specifically for satellites and

I'll post to the group when it is up and running if there is any further interest.

--Tom Crosbie

3797. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-22 23:51:40 UTC
From: delaney@j51.com
Message-ID: <3kqd6c$bp@tzlink.j51.com>
Source record: 259616

Brian J. Rueger (brueger@infi.net) in article ve <3kj35a$49h@lucy.infi.net> on Mon, 20 Mar 1995 00:12:57 -0500 (EST) wrote:
: bberg99828@aol.com (BBerg99828) wrote:

: >I used my realistic pro-37 on a plane flight to Florida.. No one said a
: >thing to me.
: >I had an ear phone so I din't bother anyone. Hell, how do they know what
: >your using,
: >CD player, walkman, etc......
: >You get so many diffrent transmisions from up there. almost too many!!!!!
: >just about any freq your on there is somthing.
: >Bob B

: Bob,

: What type of plane were you on? I took my Pro-43 on board a B-727 and
: all I could get was an occasional transmission for the aircraft to
: ground.

: I would think that reception inside the cabin would be very poor cause
: after all you are inclosed in a metal tube. Seems that it would be
: better if you would hold the scanner up to the window but then you
: would be obvious.

Do like I might do next time, get a "duckie clip" it's a duckie extender cable with really small coax. Just stick it up your sleave and lean your arm against the window!
Last time I used my HT on the seat arm next to mean (window seat) and used an single earphone in the ear away from the aisle. No problem (that was Delta, this time it will be Kiwi)

: Brian
: ---
: Brian J. Rueger | Hampton Div. of Fire & Rescue | "Who
: Medic/Firefighter | Squad-7 (Advanced Life Support) | dares
: B.S.-C.J. Comm/IP/SEL | MSgt, USAF (Ret.) 49199 | wins"
: ---
: QuoteMan: quote.qte

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

3798. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-22 23:53:43 UTC
From: schuster@panix.com
Message-ID: <3kqda7$9o5@panix3.panix.com>
Source record: 259685

In article <3kp79s$310@pioneer.uspto.gov>,
Stephen Meier <smeier@uspto.gov> wrote:
>Anyone had any experience with the latest rechargeable alkaline craze? I
>invested a small fortune in the "Millenium" Ni-Cad's which are better than
>standard Ni-Cad's but are rechargeable alkalines worth the investment?

They last longer than nicads but less than regular alkalines.

They don't self discharge while unused the way nicads do.

They're the ONLY solution if you want rechargeable AAA's since AAA nicads
have no useable capacity.

>Also, can you just use normal alkalines? Isn't the technology based upon
>the charger circuitry and not the battery?

No. There are design changes in the electrolyte, seals, and internal
construction to allow partial recharging without explosion or leakage.

>Any suggestions of a particular brand name that you have had good experience
>with?

Rayovac Renewals, and buy =their= charger.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3799. PRO-2006 or PRO-2035

Newsgroup: rec.radio.scanner
Date: 1995-03-23 00:11:47 UTC
From: gterpin@ivsfs.nw.att.com
Message-ID: <D5v9vn.A2I@nntpa.cb.att.com>
Source record: 259617
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Finally received my Grove catalog and have a question regarding a cost and performance choice.

I can order a PRO-2006 ($370) and the OPTOSCAN 456 ($280) for a total cost of $650.

Or, I can order the PRO-2035 ($400), the GRE Converter ($85), and the OPTOSCAN 525 ($90) for a total cost of $575. I'm ASSuming the OPTOSCAN 525 provides the same capability as the 456.

Isn't the 2035 combo a better deal? Any info would be appreciated...

Greg
gterpin@ivs.nw.att.com

3800. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-23 00:31:18 UTC
From: kws@fc.hp.com
Message-ID: <3kqfgm$c05@tadpole.fc.hp.com>
Source record: 259618

In article <3kc7cb$n5r@news-2.csn.net> bbaker@csn.net (Ben Baker) writes:
> >From: bbaker@csn.net (Ben Baker)
> >Subject: Scanner use on airplanes
> >Date: 17 Mar 1995 14:46:35 GMT
> >Keywords: Scanner, Airlines, monitoring
>
>
> >Lately I have been hearing that some airlines are allowing scanners to be
> >used while in flight as long as it is not used within 10 minutes of
> >takeoff or landing.
>
> >Has anyone heard of this and if so, what airlines permit this?

It depends a lot on the individual airline. Some permit it and some don't.
It is a good idea to check the in-flight mag to see what the rules are before
turning it on. (in my case, the important page got "stuck" to another page,
so I missed the prohibition. The flight attendant told me to turn it off,
which I did. I later found the regulation after peeling apart the pages...)
United explicitly says that no receivers can be operated at any time during
flight.
When unsure, check with the flight attendants. Some people even ask the pilot
or captain if things aren't too busy. When I'm in doubt, I just turn it off
to avoid raising blood pressures....

3801. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-23 00:47:29 UTC
From: attgeorgew@aol.com
Message-ID: <3kqgf1$pho@newsbf02.news.aol.com>
Source record: 259619

Fred N. Zuschlag (ZUSCHLAG@LMSC.LOCKHEED.COM) writes:
>I don't know about all police radar, but George has certainly hit the
>nail on the head with respect to how the Kustom Signals KR-10 works...

Virtually all police radar works the exact same way. It is a tried
and true and, most importantly, very inexpensive technique.

>Question (because the manual does NOT say) - Is the output signal
polarized?
>Is it circular? Would the return then be circularly polarized in the
other
>direction?

It is usually vertically polarized.

>If I'm driving down I-95 with this thing transmitting, assuming it's at
>the same frequency as Smokey (24.125 GHz), what's it going to show on his
>unit? Will polarization keep it him from seeing it? Will it act just
like
>a really strong return, giving him a real good picture of my speed?

Correct me if I am wrong but I am interpreting this question as "What
will happen if I transmit a signal at a cop who is using radar on me at
the exact same frequency?

Theoretically, several things *could* happen. Practically (i.e.
statistically)
speaking, nothing will happen.
Here are the possible scenarios:
Case 1 (the most likely): Frequency sources have some error. At
microwave
frequencies (X - 10.525 GHz, K - 24.125 GHz), that small error (small
percentage of error) is actually quite a bit in Hz. Just a 0.001% error
at
K band is 241,000 Hz. In contrast, your Doppler-shifted reflection
differs
from the radar transmitter frequency by about 70 Hz for every MPH. At
60 MPH this would be about 4200 Hz. Even if you somehow had an exact
source, the police radar would probably not be exact. Above and beyond
that, police radars aren't extremely stable because they are so cheap
(note, however, that this instability contributes almost no error because
of how these units work -- sorry, but this is not a valid argument in
court).
What will happen is that your signal will be received by the radar unit
and mixed down to the difference frequency (241,000 Hz in this example)
and rejected by the low-pass filter in the radar signal processing

circuitry. Radar units use a low-pass filter to eliminate unwanted signals. This example frequency corresponds to the Doppler shift of a vehicle traveling at over 3400 MPH (definitely an unwanted signal).

Case 2 (possible but not probable): Your transmitter emits a frequency within the small bandwidth of the radar receiver. The radar will interpret the signal as a reflected Doppler-shifted signal and give an inaccurate reading.

Case 3 (purely theoretical): Your transmitter emits a frequency exactly the same as the radar transmitter. Because you are moving, there will still be a Doppler shift; but it will only be half of the normal Doppler shift because the path of your signal is decreasing by half of the rate of the path of the normal radar signal which must go out and back. The radar unit will display a speed which is half of your actual speed.

These cases, as I have written them, suggest that it is very difficult to jam or fool police radar but that is not true. There are other techniques to jam police radar but that's a story for another post.

George

3802. FS: 2 Motorola Handhelds

Newsgroup: rec.radio.scanner
Date: 1995-03-23 00:57:26 UTC
From: creal@cs.buffalo.edu
Message-ID: <3kqh1m$m5r@azure.acsu.buffalo.edu>
Source record: 259620
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

FOR SALE: 2 Motorola HT-90 handhelds
UHF, 4 watt, 476.xxx mhz, with 4 new nicad (rapid chg)

The radios are only set up for one channel, but will accept crystals for the second channel (for repeater, etc). A charger and holster is included. The radios were checked and calibrated to factory specs by a authorized Motorola tech. I put these radios together for my father to use while hunting but alas, he gave hunting up. I have invested over $400 in this venture, but I know you don't get that back when selling them.

Asking $300 or best reasonable offer.

3803. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-23 00:58:02 UTC
From: Mgrunau@ix.netcom.com
Message-ID: <3kqh2q$fka@ixnews2.ix.netcom.com>
Source record: 259621

In <D5nxDy.J11@zimmer.CSUFresno.EDU> kjk00@mondrian.CSUFresno.EDU (Ken Koller) writes:

>
>In article <3kfqmh$ptr@blackhole.delmarva.com>,
>John K Scoggin Jr <scoggin@delmarva.com> wrote:
>>In article 82g@newsbf02.news.aol.com, cwachs@aol.com (CWachs) writes:
>>>As well as 154.280 FERN (Fire Emergency Radio Network) That one is
>>>programmed into every fire radio in the country. It is often used to
>>>communicate with medical helicopters or at mutual aid scenes.
>>
>>Bzzzzzt. 154.280 is used locally by the Medical Center of Delaware for
>>communicating with their disaster response team, among other uses. All of
>>the volunteer fire companies have low band radios (33.78 MHz primary) - some
>>have private UHF systems, also. The City of Wilmington uses an 800 MHz trunked
>>system. NONE of them have 154.280 licensed.
>>
>>I don't know of any National fire mutual aid frequency, although the Federal
>>Interagency Fire Cache has several channels licensed throughout the country.
>>
>>
>>---
>>+---+
>>| John K. Scoggin, Jr. Email: scoggin@delmarva.com |
>>| Supervisor, Network Operations scoggin@cis.udel.edu |
>>| Delmarva Power & Light Company Phone: (302) 451-5200 |
>>| 500 N. Wakefield Drive NOC: (800) 388-7076 |
>>| Newark, DE 19714-6066 Fax: (302) 451-5321 |
>>| Ham: N3SKO |
>>| Instructor, CIS Dept. |
>>| University of Delaware, 214B Smith Hall |
>>| The opinions expressed are not those of Delmarva Power, simply the |
>>| product of an over-active imagination... |
>>| Just a pothole-patcher on the Information Superhighway. |
>>+---+
>>
>>
>
>
>Here in CA, 154.280 is known as OES (Office of Emergency Services)
>"White 1" . It is used by fire depts for mutual aid, mostly in cases
>of neighboring depts. when they roll on something like a T/C together.
>There are also two others "White" frequencies that are rarely used.
>I'll post them when I find them. (A ten minute search just now failed
>to find them)

>
> --
> Ken Koller
> Reporter/Photographer - The Daily Collegian
> California State University, Fresno
> "Actually, I am a lab mouse on stilts"
>
>
> kjk00@mondrian.csufresno.edu
>

154.2800 CA White 1 (also listed for OR and WA)
154.2650 CA White 2
154.2950 CA White 3

In Campbell CA White 1 is one of their regular channels.
All of the White channel freqs are common on the West Coast.

I've never heard traffic on White 2 & 3.

Mark

3804. Re: ar8000 squelch detect pro

Newsgroup: rec.radio.scanner
Date: 1995-03-23 01:00:09 UTC
From: billy@panix.com
Message-ID: <billy-2203952000100001@billy.dialup.access.net>
Source record: 259687

In article <8A5A057.01F4000037.uuout@firstdue.uu.holonet.net>,
rb@mtsol.mt.att.com@firstdue.uu.holonet.net (RB@MTSOL.MT.ATT.COM) wrote:

<snip>

>Lots of times, my AR8000 stops searching or scanning
>on a frequency but the audio breaks up. If I open the
>squelch all the way or I use the MONI button, the
>break-up clears. This problem has been reported by other
>owners. (My Yupiteru 7100 did NOT suffer from this defect.)

This is a common complaint. I have the same complaint with my AR8000, and the same thing happens with my Yupi7100. I can't fix the "problem" for you (or for me), but (at least) I can explain what it is.

The radio is receiving an FM signal who's deviation is wider than the bandwidth of the IF filter being used. When an FM signal is wider than the IF bandwidth, (i.e., outside what the IF filter passes on), the squelch closes. If the signal is a voice, the squelch chops in and out with the peaks of the voice. The setting of the squelch control has NO effect on this (except that if you set the squelch right on the hairy edge, it will minimize the effect somewhat). Note that your signal strength meter is NOT reading this signal, and is unaffected (the signal strength meter usually reads the amount of AGC applied).

This problem only happens rarely _except_ for the cellular band... The narrow band FM IF filter in both the AR8000 and the Yupi7100 is designed to deal with the normal bandwidth broadcast on all the other narrow band FM services (e.g., Police, Fire, Ham, Weather, etc). Note that most services are on 25K spaced channels. Note that cellular channels are spaced at 30K. This is because cell phones use a _little_ more bandwith.

It pisses me off too.

Bill S

3805. bearcat 590xlt w/pl

Newsgroup: rec.radio.scanner
Date: 1995-03-23 01:36:56 UTC
From: johnmac@iii1.iii.net
Message-ID: <3kqjcb$7h7@iii1.iii.net>
Source record: 259622

I have a Bearcat 590xlt with a PL decoder. I find that on weaker signals the PL drops out. If you turn off the PL board, the signal is very readable.

Does anyone know if there are sensitivity adjustments for the PL? or has anyone experienced this problem.

johnmac@iii.net

3806. Re: Tone Readers

Newsgroup: rec.radio.scanner
Date: 1995-03-23 01:53:49 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <3kqkbd$ij5@strauss.udel.edu>
Source record: 259623
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <seguine-1503951102550001@slip167.sirius.com>,
Chris <seguine@sirius.com> wrote:
>The m-400 is a little more $$ and a little bigger so I'm trying to find
>out if any of those other protocols are worthwhile.

I think the M-400 is worth the money. Decoding pages can be fascinating. Patterns can be studied in telephone numbers and their attached digits. Alpha-numeric messages of many kinds can come through in bursts and can be read off the air. If sent to a printer, the M-400 can push out a hundred pages of pages in a handful of minutes.

Each pager has an identifying number that comes with the page directed to it. If I sent a test page to my friend's pager, and waited on the frequency assigned to his pager (embossed on the pager), I could note his id code when the page came through to him. For the rest of the evening, I could see the pages that he received. If I had my M-400 tied to my computer and dumped directly to my hard drive (which takes a parallel-to-serial converter--approximately $80), I could do a search and cut after a period of time, and tell him all of his pages for the week, say. With a CD-ROM phonebook and a CD-ROM street map, I could identify a fair number of those pages, and locate where they came from. I could e-mail him when a page came through for him, and send the content of the page.

It is amazing how much data can pour through the M-400, in many different modes. Even without a computer, the buffer is pretty large, and it is easy to scroll back through what has been decoded. RTTY (radio teletype) comes through well (using my Sony 2010).

My only qualm is that the M-400 throws off a good bit of radio frequency interference (RFI), which doesn't matter in the high frequencies, but which hurts in the low ones, unless you use a shielded antenna cable coming in, as I do. That makes it tough in the car for 46 Mhz range, because the radio frequency interference is so strong that it overwhelms the scanner. But if I recorded stuff in the car, I could decode what I brought back to it, even pager stuff. The M-400 runs off the voltage that comes from the cigarette lighter, using approximately the same plug as one would use for the Pro-2006.

For me, the scanning hobby is not complete without at least the equivalent of the M-400. When even 2-meter hams are sleeping and police calls and 800 Mhz communications are far and few between, the pages continue (with hundred-mile ranges) into the night, so many seemingly illicit, so many that would cause one to blush were one not hardened by Hard Copy and the occasional daytime talk show.

3807. mobile scanner permits

Newsgroup: rec.radio.scanner
Date: 1995-03-23 02:54:13 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3kqnsl$f19@roch0.eznet.net>
Source record: 259689

Several states and localities have clauses in their mobile scanning laws that refer to obtaining a permit from some authority.

How likely is it that Joe Citizen can actually obtain one of these permits?

3808. Re: Yaesu FRG-9600 Commun

Newsgroup: rec.radio.scanner
Date: 1995-03-23 03:10:00 UTC
From: eddie.imperial@cutting.hou.tx.us
Message-ID: <71.5031.102@cutting.hou.tx.us>
Source record: 259624

I MAYBE INTERESTED
EDDIE
713-438-5176
-=> Quoting Msoft@interserv.com to All <=-

Ms> s> Message-ID: <3ko634$r6p@data.interserv.net>
Ms> Newsgroups: rec.radio.scanner
Ms> Organization: METROSOFT

Ms> Yaesu FRG-9600 for Sale (Used)
Ms> Mint Condition

Ms> 60-905Mhz no gaps (Triple Conversion Communications Receiver)
Ms> All modes ssb amn amw fmn fmw
Ms> Comes with Computer Control option RS-232 for Ibm Compatables.

Ms> Price includes Shipping (usa) $400.00

Ms> METROSOFT

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12

- Eddie Imperial
Internet : eddie.imperial@cutting.hou.tx.us

3809. Help: NYS freq software wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-23 04:20:45 UTC
From: bh489@freenet.buffalo.edu
Message-ID: <D5vLEn.H0t@freenet.buffalo.edu>
Source record: 259675

I've seen a frequency finder software for Pennsylvania, I wonder
if anybody knows if there is such a thing for New York state.
The software includes finding a frequency by city, by county,
browse all frequencies and lookup by frequency. It sure would
be nice to be able to use this! Any help would be much appreciated

73, Jim N2GHD

Please answer by E-Mail Thanks!

--

3810. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-23 05:16:35 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.795935795.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 259676

I was once challenged at Vancouver International when I had a Pro43
in my carryon luggage. The xray tech asked if I had a "radio" in my
luggage. I foolishly answered "yes", instead of correcting him by
clarifying that it was a "radio receiver". His next question was,
did I have a license for it (meaning a transmitter), which I didn't,
because it wasn't. In the end, his supervisor realized it was
a receiver and let me pass on to my departure gate.

They never asked me to turn it on.

3811. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-23 05:23:31 UTC
From: Junior13@ix.netcom.com
Message-ID: <3kr0kj$kdn@ixnews3.ix.netcom.com>
Source record: 259677

In <3kqh2q$fka@ixnews2.ix.netcom.com> Mgrunau@ix.netcom.com (Mark Grunau) writes:

>
>In <D5nxDy.J11@zimmer.CSUFresno.EDU> kjk00@mondrian.CSUFresno.EDU (Ken Koller) writes:
>
>>
>>In article <3kfqmh$ptr@blackhole.delmarva.com>,
>>John K Scoggin Jr <scoggin@delmarva.com> wrote:
>>>In article 82g@newsbf02.news.aol.com, cwachs@aol.com (CWachs) writes:
>>>>As well as 154.280 FERN (Fire Emergency Radio Network) That one is
>>>>programmed into every fire radio in the country. It is often used to
>>>>communicate with medical helicopters or at mutual aid scenes.
>>>
>>>Bzzzzzt. 154.280 is used locally by the Medical Center of Delaware for
>>>communicating with their disaster response team, among other uses. All of
>>>the volunteer fire companies have low band radios (33.78 MHz primary) - some
>>>have private UHF systems, also. The City of Wilmington uses an 800 MHz trunked
>>>system. NONE of them have 154.280 licensed.
>>>
>>>I don't know of any National fire mutual aid frequency, although the Federal
>>>Interagency Fire Cache has several channels licensed throughout the country.
>>>
>>>(snip)
>>>---
>>Here in CA, 154.280 is known as OES (Office of Emergency Services)
>>"White 1" . It is used by fire depts for mutual aid, mostly in cases
>>of neighboring depts. when they roll on something like a T/C together.
>>There are also two others "White" frequencies that are rarely used.
>>I'll post them when I find them. (A ten minute search just now failed
>>to find them)
>>
>>(snip)
>
>154.2800 CA White 1 (also listed for OR and WA)
>154.2650 CA White 2

>154.2950 CA White 3
>
>In Campbell CA White 1 is one of their regular channels.
>All of the White channel freqs are common on the West Coast.
>
>I've never heard traffic on White 2 & 3.
>
>
154.280 is also the Utah "Statewide Fire Mutual Aid" frequency.

jr.

3812. AR 8000 WEB

Newsgroup: rec.radio.scanner
Date: 1995-03-23 05:53:12 UTC
From: TESTRELLA@delphi.com
Message-ID: <3kr2c8$k6n@news1.delphi.com>
Source record: 259678

Does anyone have the web adress of the AR8000 web page???

Thanks!

Tom Estrella

Rainbow V 1.11 for Delphi - Test Drive

3813. Re: Wireless Phone Jack Frequency?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 07:18:01 UTC
From: johnmill@scs.realm.net
Message-ID: <3kr7b9$mne@realm2.realm.net>
Source record: 259679

In article <3kfdep$e6@news.compulink.com>, scanman@cml.com (scanman) says:
>
>I saw an ad for a new device by RCA, which consisted of two pieces. One plugs
>into the phone jack and the other plugs into the phone, which can now be
>used anywhere in the house just like a cordless phone. Does anyone know
>what frequencies this thing uses?
>
>Scanman
>
> --
> : ComputerLink Online Inc. Realms of Despair! :
> : (416)233-5410, 192 lines telnet mud.compulink.com 4000 :
> : T1 bandwidth, 300-28,800 bps endless medieval enjoyment! :
> : :
> : Join our International Teleconference --> chat.compulink.com 9000 :
> --
They use carrier current (through the a.c. line) at about 100khz.

3814. Re: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-23 07:22:05 UTC
From: davidm@iglou.com
Message-ID: <T6ISlK7gXjOM079yn@iglou.com>
Source record: 259680

In article <3ko3d0$qvm@umcc.umcc.umich.edu>,
lbutler@umcc.umcc.umich.edu (Les Butler) wrote:

> Bill, The states cannot enforce more restrictive laws? Funny how gun laws
> in areas of the country are more restrictive then federal law and have
> been tested in court and upheld. Case in point Morton Grove Ill in which
> it is illegal for a citizen of that city to own a gun. How about states
> that had 7 to 14 day waiting periods before the national law was adopted?
>
> I'm not a lwayer and don't claim to be an expert in the area. All I can
> tell you about Michigan State Law regarding scanners in a motor vehicle
> is from this letter I received from the Division Commander Communications
> Division of the Michigan State Police. Since it's on offical State
> Letterhead and a copy of Michigan Compiled Law Section 750.508 was
> included, I'd have to trust what it says and disregard your opinion. One
> in the hand beats two in the bush. Sorry...

Well, whether or not a state can have a more restrictive law is sort of the
$68,000.00 question. In regards to scanners, the FCC says no they can't,
atleast not where hams and ham radio transceivers are concerned. However, to
my knowledge, and I try to follow this topic pretty closely, the FCC order has
yet to be tested in court.

In my own personal opinion, I would look at it this way. If you are a Novice
and you want to put a 2 meter radio in your car (even though your license class
wouldn't allow you to transmit on it), then I think the FCC order would protect
you. If, on the other hand, you are a Novice and you want to put your favorite
Uniden scanner in your car, I have a feeling the Michigan law would prevail,
and you'd have some legal problems on your butt.

David KD4RMW
davidm@iglou.com

3815. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-23 07:40:21 UTC
From: kjk11@lennon.csufresno.edu
Message-ID: <D5vun9.28H@zimmer.CSUFresno.EDU>
Source record: 259681

In article <3kr0kj$kdn@ixnews3.ix.netcom.com>,
Junior 13 <Junior13@ix.netcom.com> wrote:
>In <3kqh2q$fka@ixnews2.ix.netcom.com> Mgrunau@ix.netcom.com (Mark
>Grunau) writes:
>
>>
>>In <D5nxDy.J11@zimmer.CSUFresno.EDU> kjk00@mondrian.CSUFresno.EDU (Ken
>Koller) writes:
>>
>>>
>>>In article <3kfqmh$ptr@blackhole.delmarva.com>,
>>>John K Scoggin Jr <scoggin@delmarva.com> wrote:
>>>>In article 82g@newsbf02.news.aol.com, cwachs@aol.com (CWachs) writes:
>>>>>As well as 154.280 FERN (Fire Emergency Radio Network) That one is
>>>>>programmed into every fire radio in the country. It is often used
>to
>>>>>communicate with medical helicopters or at mutual aid scenes.
>>>>
>>>>Bzzzzzt. 154.280 is used locally by the Medical Center of Delaware
>for
>>>>communicating with their disaster response team, among other uses.
>All of
>>>>the volunteer fire companies have low band radios (33.78 MHz primary)
>- some
>>>>have private UHF systems, also. The City of Wilmington uses an 800
>MHz trunked
>>>>system. NONE of them have 154.280 licensed.
>>>>
>>>>I don't know of any National fire mutual aid frequency, although the
>Federal
>>>>Interagency Fire Cache has several channels licensed throughout the
>country.
>>>>
>>>>(snip)
>>>>---
>>>Here in CA, 154.280 is known as OES (Office of Emergency Services)
>>>"White 1" . It is used by fire depts for mutual aid, mostly in cases
>>>of neighboring depts. when they roll on something like a T/C together.
>>>There are also two others "White" frequencies that are rarely used.
>>>I'll post them when I find them. (A ten minute search just now failed
>>>to find them)
>>>
>>>(snip)
>>

>>154.2800 CA White 1 (also listed for OR and WA)
>>154.2650 CA White 2
>>154.2950 CA White 3
>>
>>In Campbell CA White 1 is one of their regular channels.
>>All of the White channel freqs are common on the West Coast.
>>
>>I've never heard traffic on White 2 & 3.
>>
>>
>154.280 is also the Utah "Statewide Fire Mutual Aid" frequency.
>
>jr.
>

The only time I've heard anything on white 2 or 3 is during major brush fires. This is when you have units from hundreds of miles away and the easist way to have communications is on common frequencies. Thanks to whoever posted those other two freqs!

Ken Koller
Photo slave
The Daily Collegian

"I've got the Anti-Christ in the kitchen yeling at me again"
kjk0@mondrian.csufresno.edu
kjk11@lennon.pub.csufresno.edu

3816. Re: 154.xxx MHz - who uses it?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 07:46:47 UTC
From: reptile@primenet.com
Message-ID: <reptile.116.000D1C6E@primenet.com>
Source record: 259682
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.scanner

In article <3kbqih$ha3@holly.csv.warwick.ac.uk> esuvy@csv.warwick.ac.uk (Peter Bishop) writes:
>From: esuvy@csv.warwick.ac.uk (Peter Bishop)
>Subject: 154.xxx MHz - who uses it?
>Date: 17 Mar 1995 11:08:01 -0000

>Who uses 154.xxx MHz frequencies?

>Cheers,

>Peter.
>--
>Peter Bishop
>[esuvy@csv.warwick.ac.uk]

Many business use 154.600. Including McDonald's Drive Thru. They also use a CTCSS tone of 107.2 and I believe this to be the standard across America. So if you have say, a 2 meter amatuer radio which is modified to transmit on this frequency...never mind.

3817. Re: CHP radio codes

Newsgroup: rec.radio.scanner
Date: 1995-03-23 08:08:53 UTC
From: chrisQ@ix.netcom.com
Message-ID: <3kraal$du@ixnews4.ix.netcom.com>
Source record: 259683

In <D5uyyu.31t@zimmer.CSUFresno.EDU> kjk00@mondrian.CSUFresno.EDU (Ken Koller) writes:

>
>In article <Pine.BSI.3.91.950321172012.25757L-100000@also.hooked.net>,
>Chris Mayer <cmayer@hooked.net> wrote:
>>On Tue, 21 Mar 1995, Ken Koller wrote:
>>
>>CHP Codes:
>> 11-44 Fatality
>> 11-79 Accident-Major Injuries
>>
>>> a 11-25 X-ray is a disable female motorist
>>> 23152 is a reckeless driver
>>> 23151 is a drunk driver
>>> (These might be the other way around)
>>
>>actually both 23151 & 23152 are the same, I think & a 23103 or 23104 is
>>a Reckless driver
>>
>>-Chris.
>>
>
>I belive you are right. I get those things confused. All I know is
>that when you hear that on the scanner, drive in the opposite
>direction. Why cant they just use something simple?
>
>
>

Well, ya know they gotta keep us guessing. Kinda surprised they don't change them periodicaly even though that is pretty much not feasible.

3818. Pro39 and outdoor aerial

Newsgroup: rec.radio.scanner
Date: 1995-03-23 09:42:07 UTC
From: dpfg@ukc.ac.uk
Message-ID: <6975@rook.ukc.ac.uk>
Source record: 259684

What is the likely effect of wiring a Pro39 up to a large outdoor discone or similar?

Various books suggest that this could cause intermod/overloading problems due to poor front-end filtering on handhelds.

This is in the context of a fairly rural area, but with a medium-sized town a few miles away.

3819. ILS/VOR

Newsgroup: rec.radio.scanner
Date: 1995-03-23 11:22:11 UTC
From: wa5iyx@n8naa.sat.tx.us
Message-ID: <oRye3c2w165w@n8naa.sat.tx.us>
Source record: 259688

I wonder which brand(s)/model(s) of scanner might be best for getting the ILS/VOR navaids (108-118 MHz)? Several tuneable units that I have tried suffer from overload/intermod by the local FM stations or produce only very poor audio with those lightly-modulated AM signals.

I would like to use this in conjunction with VHF propagation studies (Es). My trying to use the "overspill" on an FM tuner has netted but a few loggings and LOTS of frustration during the skip openings.

Almost 3 years ago I thought that I had a good offer on some genuine commercial (tube-type) pulls from airline craft but that never came thru. (They would have certainly been resistant to FM overload!)

Tnx, Pat
WA5IYX

****
wa5iyx@n8naa.sat.tx.us (Patrick j. dyer)
The Packet Rat BBS San Antonio, Texas, USA (210)494-2849
****

3820. Re: DTMF 'F' ?????

Newsgroup: rec.radio.scanner
Date: 1995-03-23 12:00:15 UTC
From: heglowstein@bix.com
Message-ID: <3krnsf$luu@news1.delphi.com>
Source record: 259690

David A. Webb (mudaw@uxa.ecn.bgu.edu) wrote:
: While listening to my Yaesu FT-51R, I had it in its DTMF decode mode, and
: was tuned to a frequency with a lot of DTMF activity.
: Periodically, the letter F would appear in place of a number.
: The tone corresponding to the F was singular. ie One tone produced the F.
: What is this?

: Thanks,
: Dave

The DTMF keypad really has 16 keys, normally referred to
as 0-9,*,# and A-D. Perhaps the decoder you're using thinks of
the pad as more binary, or A-F. The 'F' must refer to the key
from the lower left or right corner of the full pad. I've seen
decoders that simply return the binary combination codes and
don't special-case out the '#' and '*'.

To be certain, check the manual, or experiment by tuning into
one of your own cordless phones and trying out keys. SInce your
phone only has 12 of the 16 keys, if you can't generate an 'F'
from your phone, you've found some computer generated DTMF.

3821. Novice needs info

Newsgroup: rec.radio.scanner
Date: 1995-03-23 13:28:50 UTC
From: d89marho@und.ida.liu.se
Message-ID: <D89MARHO.95Mar23142844@kol7.und.ida.liu.se>
Source record: 259691

I'm thinking about purchasing a scanner. I'm chiefly interested in WeFAX, RTTY, CW and such stuff, but if I can get a (portable) unit which will take in shortwave broadcasting (1.6 MHz - 30 MHz) and broadcast FM (87.5 MHz - 108 MHz) I'd be happy. Obvisouly I don't expect stereo FM.

I don't need cellular capability (as far as I know, this is illegal in parts of the world anyway). Besides, I live in Sweden, and I don't know what the cellular frequencies are here (most people seem to use GSM, a digital system anyway, so a scanner wouldn't help).

I'd like a small(ish) portable thing. Something the size of a larger cellular phone perhaps. Earphones or earbuds is a must, built in speaker would be handy.

Trouble is, I don't know what exists. I've read an issue of Popular Communications, but I can't really compare scanners, since I don't know much about them. There's something called an AR1000XLT which covers 500 kHz to 1300 MHz (minus 800 MHz - 899 MHz) which seems interesting.

Also what would I hear with this? What exists above the broadcast FM band? 1300 MHz seems awfully high to someone used to punting around the SW broadcast band... Would I be able to pick up satellite communications with this? Basically, what's out there, guys?

/mvH

--
Programming isn't a science, | Foo: mvh@lysator.liu.se
it's an art. | Bar: d89marho@und.ida.liu.se
Why is it called common sense, | Who: Martin V. Howard
when so few possess it ? | Voice: Int +46 (0)13 210 482 (GMT + 1h)

3822. Re: Cell phone freq. question.

Newsgroup: rec.radio.scanner
Date: 1995-03-23 13:40:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.174.000DAC05@ccm.hf.intel.com>
Source record: 259716

In article <3kna1e$5i3@crl4.crl.com> rdcole@crl.com (Ron Cole) writes:

>Marlboro Lights (semana@cs.concordia.ca) wrote:
>: Hi I have a list of local cell phone frequencies
>: and it looks something like this :

>: XXX.XXX-XXX.XXX MHz cell
>: XXX.XXX-XXX.XXX MHz base
>: XXX.XXX-XXX.XXX MHz mobile

>: What exactly do they mean by cell, base and mobile, what is the difference
>: between them ???

>Good Question sine there are only Base and Mobile frequencies. Base the
>radio frequency from the Cell cite to the Mobile Cell Phone or Hend Held
>Cell phone. The mobile frequency is the channel from the Cell Phone to
>the Cell Site (Base). Generaly these Mobile channel is 45Mhz higher
>than the Base.

Although this is not the normal way you would see cell frequencies listed, my
guess is that the range for "Cell" is referring to the cell control
frequencies (non-voice).

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3823. Re: Rechargable alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 14:00:44 UTC
From: domonkos@access.digex.net
Message-ID: <UjNSliubGA72079yn@access.digex.net>
Source record: 259692

In article <3kq7ok$ha0@eugene.convex.com>,
horak@convex.com (David Horak) wrote:
>
> I think the new Lithium AA batteries may change that. I priced them at
> Home Depot for $3.90. At our local Albertsons food store, they are $5.88!
> So far, they seem to be holding up well under lots of use. The voltage is
> 1.7 new so you get around 10 volts out of a 6 pack!
>
> David Horak horak@convex.com
> Plano, Texas (not your average plain-O town :-)

Warning, don't ever try recharging Lithium. Rechargeable lithiums are on hold
due to a devastating test run in Canada a few years ago involving a
rechargeable lithium cell phone (Boom!). It blew up in a users face.
I'm told that we won't see any rechargeable lithium until after the year 2000.

Andy

3824. Re: Help my 2006 Lo\Review key died?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 14:01:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.175.000E074E@ccm.hf.intel.com>
Source record: 259717

In article <3kni7g$18h0@tequesta.gate.net> habu@gate.net (Michael Fink) writes:

>-The Lo\Review key on my 2006 just died anyone know if this is a
>common problem and is it fixable without a trip to the shop?
>My other question is will Radio Shack give me any problems if I
>take it there for repair Its still under warrant but I already did
>the cell mod?

>Thanks Mike

You will probably need to get a new keypad. If I recall correctly, it isn't
that hard to replace if you are comfortable taking apart the scanner. Since
only one key is bad and the keypad is setup in a matrix, it is probably just
some crud that has built up between the key and the contact point on the
PC board. Usually the keypad is very hard to get inside, but if you could,
you could try spraying some contact cleaner (like TV tuner cleaner) inside to
clean the contacts.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3825. Digital information preceeding police transmissions???

Newsgroup: rec.radio.scanner
Date: 1995-03-23 14:02:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <a49_9503231800@rccons.lm.com>
Source record: 259718

Reply-To: rccons!aosc_pa@telerama.lm.com
X-FTN-To: mudaw@uxa.ecn.bgu.edu

22 Mar 95 14:55, mudaw@uxa.ecn.bgu.edu wrote to All:

m> The county police where I live have some sort of digital
m> information which is transmitted from their car's radio every time
m> they transmit. Is anyone familiar with this? What information is
m> contained in this signal? (I assume it informs the base station
m> which car is calling, and logged into the computer automatically)
m> Also, what kind of signal is it? It isn't digital like what I am
m> familiar with. It doesn't sound like Amateur Packet Radio, which
m> sounds like what digital information from you PC sounds like. It
m> sounds more like a series of evenly spaced tones, but all of the
m> same frequency. So it isn't just a very quick DTMF.
m> What is it?

This is Automatic Number Identification (ANI) it comes in several formats:

DTMF
5/6 Tone with about 6-10 variants
Digital - GE Star, Motorola, & Midan Zap

If it sounds like a quick "bzzt" then it is most likely one of the digital
formats. If it sounds more like someone who is dialing a phone VERY QUICKLY
then it is one of the analog tone formats above.

Information included:

Unit Number
Status - In Service/Out Service, Emergency
Man Down
Lat/Long. from GPS for AVL

There are a whole host of items which can be done with these ANI systems. Some
allow for radios to be disable ("stunned"), check to see if their on, activate
tx with out indication etc..

Rick Christian, AAJP/BSEE
AOSC PA Editor
PCO Peters Twp. P.D. @ Washington Co. E911
Internet:rccons!aosc_pa@telerama.lm.com

... This tagline is umop apisdn

3826. Re: Tone Readers

Newsgroup: rec.radio.scanner
Date: 1995-03-23 14:17:50 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.176.000E4C84@ccm.hf.intel.com>
Source record: 259719
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>In article <seguine-1503951102550001@slip167.sirius.com>,
>Chris <seguine@sirius.com> wrote:
>>The m-400 is a little more $$ and a little bigger so I'm trying to find
>>out if any of those other protocols are worthwhile.

One thing that I forgot to mention earlier. If I remember correctly the M400 does not decode DTMF while the DC440 does. This may make a big difference in your decision. DTMF is used for autopatches, cordless phones, cellular phones, etc.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3827. Re: DTMF 'F' ?????

Newsgroup: rec.radio.scanner
Date: 1995-03-23 14:24:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.177.000E66F0@ccm.hf.intel.com>
Source record: 259720

In article <3kq06r$50m@ecom2.ecn.bgu.edu> mudaw@uxa.ecn.bgu.edu (David A. Webb) writes:

>While listening to my Yaesu FT-51R, I had it in its DTMF decode mode, and
>was tuned to a frequency with a lot of DTMF activity.
>Periodically, the letter F would appear in place of a number.
>The tone corresponding to the F was singular. ie One tone produced the F.
>What is this?

I don't have a reference chart handy but there are 16 DTMF tones. The
standard 0-9, #, and *, plus A,B,C,D,F

Since A-F are not on a telephone they tend not to be used very often. Most
Ham rigs that transmit DTMF cover A-F.

I didn't realize that the 51R would decode DTMF. Is that correct?

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3828. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-23 15:04:33 UTC
From: gt7102d@prism.gatech.edu
Message-ID: <3ks2m1$k0i@acmex.gatech.edu>
Source record: 259693

Here in Georgia, 154.2800 is the mutual aid frequency. When I visited
Ohio, I noticed that the most departments use the same low-band frequency.

How about the 866-868 Police Mutual Aid - has anyone heard activity on these?
--
Richard Wayne Clement (gt7102d@prism.gatech.edu)
37102 Ga. Tech Station, Atlanta, Ga. 30332
Amateur Radio: KD4UCB
CS

3829. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-23 15:23:20 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <3ks3p1$s6c@ornews.intel.com>
Source record: 259694
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

In article <795912975snz@crosbie.demon.co.uk>, tom@crosbie.demon.co.uk says...
>In article <3km1j3$2b4@metroux.metrobbs.com>
> cadsuper@big12.metrobbs.com "Rob Holland" writes:
>> : Stephen Wassell says:
>>
>> : " I've been trying, without much success to get some sort of picture from
>> : " the strong signal at 137.925Mhz. I guess that it's a weather satellite,
>> : " as that's what is sounds like, but I can't get any sort of picture.
>>
>> : " I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface
>> : " definately works, but when it's all connected up I just get at best a
>> : " black screen with occasional white dots.
>>
>> : " What's going wrong here?
>>
>> I bought a program for about $75 called AEA Fax II which I have used for
>> the past year. It comes with software and a device that plugs into the
>> RS-232C port of your serial card. It has a wire that comes off of it to
>> plug into a shortwave radio which you can decode the following:
>> WEFAX (b/w satellite images)
>> RTTY (radio teletype)
>> CW (morse code)
>> NAVTEX(some kind of offshore weather stuff like RTTY, dont know for sure)
>>
>> and I think that's it. AEA already has out their new version of that
>> called AEA FAX III that is basically the same as II, has the same decoder
>> and all, but will enhance your b/w pictures with color so you will have
>> false color images of the satellite pics that you recieve. It's well
>> worth the money.
>>
>Careful ! AEA FAXIII is basically for decoding WEFAX from shortwave signals and
>may not work too well on the NOAA sats. My understanding is that the signals
>are in a different format and I am open to education on this! I should shortly
>be testing some new low-cost decoding software specifically for satellites and
>I'll post to the group when it is up and running if there is any further
>interest.

Yes. The HF weather FAX information is frequency modulated (FM); i.e. the frequency of the audio tone of the transmission reflects the degree of darkness of that pixel of the image. The APT (Automatic Picture Transmission) off of the NOAA/GOES/Meteor satellites is amplitude modulated (AM), where the amplitude (loudness) of the constant-frequency transmitted tone dictates the black level of the transmitted pixel.

There's a potential for confusion, because the term "WEFAX" is used for two types of transmissions. HF WEFAX is the FM method of image transmission. GOES-WEFAX uses the AM method, and downlinks in the 1691 MHz frequency range from the satellite.

I've used the AEAFAX interface on HF, and have played with a Dahl board for APT and GOES-WEFAX. Very different methods of demodulating. The AEAFAX interface is nothing more than a audio voltage zero-crossing sensor which hooks into your serial port. The software then determines the audio frequency of the HF WEFAX signal by timing the interval between the zero-crossings. This circuit has no amplitude-measurement capabilities to my knowledge. Since the frequency of the carrier tone for APT does not vary, the AEAFAX interface will NOT work with APT.

Steve: I don't know what the Hamcomm interface is, but if it's the zero-crossing detector I've described, it is incompatible with the AM APT downlink. I have the parts for the JVFAX interface which uses the A/D converter schematic included with JVFAX. But like many other projects, I haven't had time to build it...

- Collier Chun
NM7B

3830. How to find freqs on Motorola handhelds?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 15:32:00 UTC
From: Terry.Vansickle@f17.n275.z1.fidonet.org
Message-ID: <50e_9503280556@woodybbs.com>
Source record: 259723

The mtx radios are 800 or 900 mhz. They can be trunking or conv. The antenna
will usually have the range 800 or 900 stamped near the base.
Terry...
--- FMail 1.0g
Origin: ab5sm2netcom.com (73:6101/0)
--
|Fidonet: Terry Vansickle 1:275/17
|Internet: Terry.Vansickle@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3831. Re: PRO-2006 or PRO-2035

Newsgroup: rec.radio.scanner
Date: 1995-03-23 15:34:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.178.000F9344@ccm.hf.intel.com>
Source record: 259724
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D5v9vn.A2I@nntpa.cb.att.com> gterpin@ivsfs.nw.att.com (V65 Magna) writes:
>Finally received my Grove catalog and have a question regarding a cost
>and performance choice.

>I can order a PRO-2006 ($370) and the OPTOSCAN 456 ($280) for a total
>cost of $650.

>Or, I can order the PRO-2035 ($400), the GRE Converter ($85), and the
>OPTOSCAN 525 ($90) for a total cost of $575. I'm ASSuming the OPTOSCAN
>525 provides the same capability as the 456.

>Isn't the 2035 combo a better deal? Any info would be appreciated...

If you are going to use the computer control a lot, then the extra memory of
the 2035 is useless (since the 456 or 525 does not read or program memory).
So the decision comes down to which one has the better RF section. That
award would go to the 2006.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3832. Re: Need interesting freqs for Denver, CO.

Newsgroup: rec.radio.scanner
Date: 1995-03-23 15:44:56 UTC
From: chris@tali.hsc.colorado.edu
Message-ID: <3ks51oINNt8t@tali.hsc.colorado.edu>
Source record: 259695

In article <1995Mar20.151417.9939@glv.cen.encompass.com>,
Todd Sorrell <sorrell@encmail.encompass.com> wrote:
*>I will be in Denver next week for a training class and had planned on taking
*>me scanner to kill some time. If anyone has any interesting frequencies for
*>that area I would appreciate them.

Here is a list that I tend to find kindo' useful.

-----------------------------------8<---------------------------------

Denver/Eastern Front Range/North Central CO Expanded Edition 9502

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(303)785-0217 for the Greely/Longmont/Ft. Lupton area, The King's Market
BBS @ (303)665-6091 for the Denver Metro area and Longmont, (303)225-3491 in
the Fort Collins/Loveland/Wellington area and (303)346-3491 in the Greeley
Area. Please send all e-mail correspondence to me through either of the
above listed BBS systems or the Colorado Scanner Echo Available through
the above listed systems.

Use of this information in the commission of a crime is prohibited
and prosecutable by Local, State & Federal Laws. I do not assume
responsibility for misuse of this information.

Due to the nature of Public Safety Communications frequencies and use
are constantly changing therefore I do not assume responsibility for
changes, incorrect information and omissions. Use of this list is to
enhance one's use of a scanner or similar type receiver.

At the time of release of this file there are no known mobile scanning
laws within the state of Colorado. However due to 'home rule' jurisdiction
allowed by the state it would be wise to check on local regulation in your
area.

I do not encourage anyone to "Chase" calls as you are asking for trouble
with law enforcement officials and they will not hesitate to prosecute.

KEY INDEXES AND DEFINITIONS

F-# Short for channel . i.e. F-1 is the same as channel 1.
###.##### S Indicates non-repeater use. Both base and mobile stations
use the same Frequency Commonly referred to as "Simplex"
PD Police Department
FD Fire Department
FPD Fire Protection District
LG Local Government. i.e. Public Works, Animal Controletc...
R-# Repeater Frequency sequence for trunked G.E. systems
M-# Mobile transmit frequencies for trunked G.E. systems
for "Input Scanning"
IFB Interruptable Feed/Fold Back. TV audio feed for reporters.

NOTES FOR FEBRUARY:

GREENWOOD VILLAGE

All Police comm is on the Arapahoe County 800 MHz system however public
works opearations are still on 453.650.

AURORA

On Monday February 6th all of the old PD/FD repeaters were taken off
the air and retired. So far there's been no word any applications for
those frequencies by other agencies.

LAKEWOOD 800

Still nothing on which system they are in favor of at this time though
it is definate they will be operating on 800 MHz in the future.

STATE 800

The G.E. EDACS 800 System listed under the State of Colorado section is
very active with comm involving an Ambo-cab type operation which one it
is we are still working to identify. The system is operating in
"fail-soft" or the "old mode" which all comm originates on one frequency
in the trunking pattern until a second group begins using the system and
is routed to the next repeater in the sequence. Unfortunately the "G.E.
Jingle" is turned on.

COMPUSERVE

This edition is being sent to the Compuserve HamNet file area for
nationwide distribution. If the response is favorable future editions
will be sent to Compuserve.

ADAMS COUNTY COMMUNICATIONS

[POLICE]
460.075 F-1 S.O. Dispatch
460.175 F-2 S.O./Commerce City PD Car to Car
453.350 F-3 Commerce City PD Dispatch
460.450 F-4 DATA-1 Clearances
460.125 F-5 DATA-2 Clearances
460.500 F-6 Brighton/Northglenn PD Dispatch

460.225 F-7 Brighton/Northglenn/Thornton PD Car to Car
460.275 F-8 Thornton PD Dispatch
460.425 F-9 CLEER [ALL AGENCIES]
453.625 F-10 ENTAC [ALL AGENCIES]
453.700 F-11 Special Operations PD/FD Coordination
453.300 F-12 Jail Operations
[FIRE]
460.525 F-1 South Adams/Brighton Dispatch
460.600 F-2 South Adams/Brighton Fireground
460.550 F-3 North Metro Dispatch
453.975 F-4 North Metro Fireground
460.575 F-5 Southwest Adams/North Washington Dispatch
460.375 F-6 Southwest Adams/North Washington Fireground
453.700 F-7 Special Operations PD/FD Coordination
453.625 F-8 ENTAC [ALL AGENCIES]
154.250 F-9 Bennet Dispatch
45.200 State EOC NET
46.480 North Metro Paging only
47.340
[LOCAL GOVERNMENT]
45.480 S Street Maintenance
45.640 S Animal Control
[UTILITIES]
153.590 S South Adams County Water and Sanitation Dist.

ADAMS COUNTY SCHOOL DIST 12 TRUNKED 800 G.E. MARC SYSTEM
[SCHOOLS]
T-1 868.9000
T-2 868.6625
T-3 868.3750

AIR-LIFE DENVER METRO
[AIR AMBULANCE]
123.075 S Dispatch

AIR-LIFE 911 WELD/LARIMER COUNTY
[AIR AMBULANCE]
155.400 S Dispatch [Weld County]

AKRON
[FIRE]
154.025 S Dispatch
155.340 S Washington County Hospital
[LOCAL]
46.560 S Public Works
[SCHOOLS]
155.160 S Buses

ALLENSPARK FIRE
[FIRE-DISP BY BOULDER COUNTY]

ALPINE RESCUE
[RESCUE]
155.160 S Operations
155.175 S Operations
155.205 S Operations
155.235 S Operations

AMERICAN RED CROSS

47.420 S Nationwide Operations Channel
47.460 S Denver Metro Operations Dispatch

AMR AMBULANCE
[VHF/UHF/800 CONVENTIONAL]
855.2625 RED Dispatch
155.2200 S GRN Status
851.2375 BLU Dispatch
155.2050 S Multiple Use [DEMARC]
155.2800 S Boulder County Dispatch
155.3400 S HEAR
464.7500
464.4750
463.4500 Kaiser Link

ARAPAHOE COUNTY
[POLICE]
155.670 F-1 Dispatch
155.415 F-2 Clearances & Information.
155.055 F-3 Car to Car/Tactical
154.025 S F-4 Cherry Hills Car to Car.
155.805 F-5 Tactical
460.175 Adams County Link [Eastern County area]
155.595 District Attorney [Phone Patch]
155.475 S NLENC
155.640
460.425 S CLEER
[COURTS/JAIL FACILITIES]
856.3125 Jail/Court Security
857.3125 Jail/Court Security
858.3125 Jail/Court Security
859.3125 Jail/Court Security
860.3125 East Jail Facility
[LOCAL GOVERNMENT]
151.235 S. Suburban Parks & Rec District
155.760
155.805 Animal Control/Water.
156.045 County street maintenance.
159.450 Parks
852.4125 Airport Authority
853.4625
[MULTI-AGENCY TRUNKED 800 MOTOROLA SYSTEM]
866.1125

866.2125
866.4375
866.5375
866.6875
866.7875
867.0375
867.1000
867.2875
867.3500
867.5625
867.6000
867.8125
867.9375
868.1125
868.2375
868.4000
868.5125
868.7000
868.8375

ARAPAHOE RESCUE
[RESCUE]
155.160 S Operations
155.235 S Operations
155.295 S Operations

ARVADA
[POLICE/LOCAL MULTI-AGENCY TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

TALK GROUP I.D.'s
Channel 1 Dispatch
Channel 2 Clearances
Channel 3 Undefined
Channel 4 Car to Car
Channel 5 Undefined
Channel 6 Tactical Use
SIU Investigators
ICALL Dispatch to Indivual Car
[FIRE]
453.150 F-1 Dispatch

453.550 F-2 Fireground/Admin.
154.280 S FERN

AURORA
[POLICE/FIRE/LOCAL TRUNKED 800 MOTOROLA SYSTEM]
R-1 860.9875 R-10 858.9625
R-2 860.9625 R-11 858.9375
R-3 860.9375 R-12 858.7625
R-4 860.7625 R-13 857.9875
R-5 859.9875 R-14 857.9625
R-6 859.9625 R-15 857.9375
R-7 859.9375 R-16 857.7625
R-8 859.7625 R-17 856.9875
R-9 858.9875 R-18 856.9625

Fleet I.D.'s
[POLICE]
APD-1 West Police Dispatch
APD-2 East Police Dispatch
APD-SVCS Clearances/Information/Etc
TAC-1-6 Tactical/Car To Car
VICE-1-5 Vice Bureau
[FIRE]
AFD-1 Fire Dispatch
TAC-1-6 Fireground/Tactical/Incident Command
FERN Crosslink to 154.280 FERN Intersytem.

[FIRE-VHF CROSSLINKS]
154.100 Civil Defense system
154.280 S FERN
155.340 S HEAR
[SCHOOLS]
464.775 F-1 Buses
464.975 F-2 Maintenance and Security
464.875 F-3 Operations

BENNETT
[FIRE-DISPATCHED BY ADAMS COUNTY]
154.250 F-1 Dispatch
154.280 FERN
154.265 FERN 2
[LOCAL]
152.315 S

BERTHOUD
[POLICE-DISPATCHED BY LARIMER COUNTY]
155.130 F-1 Dispatch
155.565 S F-3 Clearances
155.100 S Tactical
[FIRE]
153.965 S Dispatch
154.355 S Tac

154.280 S FERN

BLACK FOREST FPD
[FIRE]
154.325 Dispatch [El Paso County]
154.235 TAC

BLACKHAWK
[POLICE]
155.820 Dispatch

BOULDER CITY AND COUNTY
[POLICE]
155.145 GREEN S.O. & City Primary Dispatch
155.520 S VIOLET Clearances all agencies
155.655 YELLOW Car to Car all agencies
156.135 BLUE CITY POLICE Secondary/Overload Dispatch
155.490 S BRONZE Detectives/Car to Car
158.775 GREY Paging
155.025 GOLD C.U. Parking
155.190 SILVER C.U. Police
155.010 S BLACK
453.8125S Call Boxes
465.3125 County Jail
155.475 S NLENC
460.425 CLEER
[FIRE]
154.325 S Red 1 Dispatch
154.205 S Red 2 City Fireground
154.415 S Red 3 Fireground Direct
151.355 Red 3 Fireground Repeater
153.830 S Red 4 Fireground
153.890 S Red 5 Boulder Rural Dispatch
155.205 S Rescue
154.280 S FERN
[AMBULANCE]
155.280 S AMR Ambulance
[LOCAL GOVERNMENT]
153.860 S ORANGE City Street Maintenance
154.980 S WHITE Animal Control.
156.180 S BROWN Street Maintenance

BRIGHTON
[POLICE-SEE ADAMS COUNTY COMMUNICATIONS]
453.775 Future Use
[FIRE-SEE ADAMS COUNTY COMMUNICATIONS]
[LOCAL GOVERNMENT]
45.600 S City Services.

BROOMFIELD
[POLICE]
453.050 F-1 Dispatch

453.525 F-3 Information
453.400
460.425 CLEER
[FIRE-NORTH METRO FPA]
460.550 Dispatch [Adams County]
453.975 FireGround
[LOCAL GOVERNMENT]
45.140 Public Works
45.360 S City ops.

BRUSH
[POLICE]
154.085 S Dispatch
[FIRE]
155.940 S Dispatch

CASCADE FPD
[FIRE]
154.430 Dispatch

CASTLE ROCK
[POLICE]
155.685 Dispatch
[FIRE]
154.175 S Dispatch
[LOCAL GOVERNMENT]
453.875 Public Works

CASTLEWOOD FPD
[FIRE-SEE SOUTH METRO FIRE]

CENTRAL CITY
[POLICE/FIRE]
153.845 [Gilpin County]
154.860 [Gilpin County]
155.160 S Rescue
[LOCAL GOVERNMENT]
155.895 S City Services

CHEYENNE WYOMING
[POLICE]
154.800 F-1 Dispatch
155.610 F-2 TAC
154.875 STATE INTERSYSTEM
[FIRE]
154.400 Dispatch

CHERRY HILLS
[POLICE-SEE ARAPAHOE COUNTY]
154.025 S F-3 TAC
[FIRE-SEE SOUTH METRO FIRE]

CIVIL AIR PATROL
[SEARCH & RESCUE]
148.150 PRIMARY Search & Rescue Ops Nationwide
148.125 S Simplex 1 Nationwide
143.750 S Simplex 2 Nationwide
121.500 Worldwide Air Emergency VHF
143.825 S Voice or Data
243.000 Worldwide Air Emergecny UHF
26.620 S Nationwide

CLEAR CREEK COUNTY
[POLICE/FIRE]
155.610 BLUE S.O. Dispatch
155.025 GREEN Fire /Secondary S.O. Dispatch
155.100 S TAC
[LOCAL GOVERNMENT]
155.745 County Services

COLORADO SPRINGS
[POLICE]
453.750 F-1 East Dispatch
453.850 F-2 West Dispatch
453.550 F-3 North Dispatch
453.475 F-4 Clearances/Tactical
453.300 F-5 Tactical/Detectives
453.975 S F-6 Car to Car Direct
[FIRE]
460.625 Dispatch
460.525 Fireground
460.575 Admin
154.130 Station Alarms
[LOCAL GOVERNMENT]
151.370 S
153.935
158.130 S Water
158.835 Power
158.895 Digital Data
159.255 S
451.475 Water
453.500 Airport Ops
453.900 Pikes Peak Ops
453.975 Pikes Peak Ops
[TRANPORTATION]
453.150 Buses
453.575 Admin/Maintenace Ops

COLORADO STATE OF
[POLICE]
45.200 S STATEWIDE E.O.C. DISASTER NET
154.665 S CSP JEFFERSON/GILPIN/CLEAR CREEK Dispatch
154.665 S CSP LAS ANIMAS/HUERFANO Dispatch
154.680 S CSP DENVER METRO TAC

154.680 S CSP DELORES/SAN JUAN/MONTEZUMA/LA PLATA/ARCHULETTA Dispatch
154.695 CSP LOGAN/SEDGWICK/PHILLIPS Dispatch
154.695 S CSP Dist 4 Areas TAC
154.695 CSP SAGUACHE/MINERAL/RIO GRANDE/ALAMOSA Dispatch
154.695 CSP CONEJOS/COSTILLA Dispatch
154.695 S CSP DENVER METRO TAC
154.740 S CSP BOULDER Dispatch
154.755 S CSP CHEYENNE/KIT CARSON Dispatch
154.755 CSP MONTROSE/SAN MIGUEL/OURAY Dispatch
154.755 CSP JACKSON/GRAND Dispatch
154.755 S State Capital Police.
154.770 S CSP PUEBLO/CUSTER/FREMONT/CHAFFEE Dispatch
154.770 S CSP Dist 3 Areas TAC
154.800 S Limon
154.830 CSP WESTERN ARAPAHOE/DOUGLAS/WESTERN ELBERT Dispatch
154.830 CSP MOFFAT/ROUTT/WEST CENTRAL & N.E. Rio Blanco Dispatch
154.845 S CSP Dist 5 Areas TAC
154.905 S CHANNEL 3 STATEWIDE NET
154.920 S CSP WESTERN ADAMS Dispatch
154.935 S CSP WELD/LARIMER Dispatch
154.935 s CSP District 2 areas TAC
155.190 State Universities Police Denver, Boulder
155.310 S Institutions. FT. Logan & State Correctional Facilities
155.445 CSP SUMMIT/PARK Dispatch
155.445 S Elbert County
155.460 C.B.I.
155.475 S NLENC
155.505 S CSP District 6A TAC
155.550 CSP E. ADAMS/E. ARAPAHOE/CENTRAL & EASTERN ELBERT Dispatch
155.565 S CSP GARFIELD/MESA Dispatch
155.580 CSP MORGAN/WASHINGTON/YUMA Dispatch
155.700 CSP DELTA/GUNNISON/HINSDALE/ WEST & N.W. SAGUACHE Dispatch
155.730 S CSP CENTRAL TO S.E. RIO BLANCE/EAGLE/LAKE/PITKIN Dispatch
156.090 Department of Corrections Prison Ops Denver Metro
156.090 S CSP KIOWA/BENT/BACA/CROWLEY/OTERO Dispatch
156.210 CSP EL PASO/TELLER Dispatch
460.425 CLEER
866.0125 I-CALL National Interagency Calling Channel
866.5125 ITAC-1/NPS-1 National Interagency Tactical Channel 1
867.0125 ITAC-2/NPS-2 National Interagency Tactical Channel 2
867.5125 ITAC-3/NPS-3 National Interagency Tactical Channel 3
868.0125 ITAC-4/NPS-4 National Interagency Tactical Channel 4

[TRUNKED 800 G.E. EDACS SYSTEM DENVER METRO]
Sequence # Repeater Input
R-1 866.4875 M-1 821.4875
R-2 867.4875 M-2 822.4875
R-3 868.4875 M-3 823.4875
R-4 866.9875 M-4 821.9875
R-5 867.9875 M-5 822.9875

[DEPARMENT OF TRANSPORTATION]
151.070 Denver Metro, Douglas, Elbert.
151.085 Denver Metro, Eisenhower Tunnel.
151.265 Colo Springs, Pueblo, Other areas
159.045 Weld,Larimer,Morgan,Boulder
854.3125 Denver Metro, Highway Paving and Construction Crews

[LOCAL GOVERNMENT]
45.240 S State Forests.
45.280 S State Forests.
72.080 S
72.200 S
155.040 S
453.200 State Universities maintenance
854.4625

[UNIVERSITIES]
155.025 CU Boulder Parking Enforcement
155.190 CU Boulder Police
453.200 UNC Greeley Police/CU Boulder Ops and Paging
453.400 UNC Greeley
453.400 CSU Fort Collins Operations
460.050 CSU Fort Collins Police
460.150 CSU
854.9625 University Hospital Denver Police.

[UNIVERSITY OF COLORADO AT DENVER TRUNKED 800 MOTOROLA SYSTEM]
T-1 868.4625
T-2 867.9625
T-3 867.4625
T-4 866.9625
T-5 866.4625

[STATE PARKS & WILDLIFE]
151.145 F-1 Western Slope
151.175 F-2 Southern Colorado
151.190 F-3 N.E. Colorado [Denver/Fort Collins Division]
151.280 TAC-1 Also Cherry Creek State Park
151.370 TAC-3 Also Chatfield State Park
151.430 TAC-4 Golden Gate State Park

COMMERCE CITY
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications]
[LOCAL GOVERNMENT]
45.720 S Street Dept
45.440 S Public Works

CUNNINGHAM F.P.D.
[FIRE-SEE SOUTH METRO FIRE]

DACONO
[POLICE-SEE WELD COUNTY]

460.325 S Tactical "City Channel"
[FIRE-SEE BOULDER COUNTY FIRE/MOUNTAIN VIEW FIRE]

DENVER CITY AND COUNTY
[POLICE/FIRE TRUNKED 800 G.E. EDACS SYSTEM]

Sequence # Repeater Input
R-01 854.9875 809.9875
R-02 855.4875 810.4875
R-03 855.9875 810.9875
R-04 856.4875 811.4875
R-05 857.2375 812.2375
R-06 857.7375 812.7375
R-07 858.4875 813.4875
R-08 859.2375 814.2375
R-09 859.7375 814.7375
R-10 860.4875 815.4875
R-11 855.2375 810.2375
R-12 855.7375 810.7375
R-13 856.2375 811.2375
R-14 856.7375 811.7375
R-15 857.4875 812.4875
R-16 858.2375 813.2375
R-17 858.7375 813.7375
R-18 859.4875 814.4875
F-19 860.2375 815.2375 R2R-1
F-20 860.7375 815.7375 R2R-2

TALK GROUP I.D.'s:
DISPATCH 1 Dist 1 Northwest Dispatch
TAC 1 [Sub Group] Dist 1 Tactical
CARTOCAR 1 [Sub Group] Dist 1 Car to Car
DISPATCH 2 Dist 2 North Central Dispatch
TAC 2 [Sub Group] Dist 2 Tactical
CARTOCAR 2 [Sub Group] Dist 2 Car to Car
DISPATCH 3 Dist 3 Southeast Dispatch
TAC 3 [Sub Group] Dist 3 Tactical
CARTOCAR 3 [Sub Group] Dist 3 Car to Car
DISPATCH 4 Dist 4 Southwest
TAC 4 [Sub Group] Dist 4 Tactical
CARTOCAR 4 [Sub Group] Dist 4 Car to Car
DISPATCH 5 Dist 5 Northeast
TAC 5 [Sub Group] Dist 5 Tactical
CARTOCAR 5 [Sub Group] Dist 5 Car to Car
DISPATCH 6 MULTIPLE USE
CITYWIDE [Sub Group] Car to Car all Districts
CLEARANCE1 All Districts Clearances
CLEARANCE2 All Districts Clearances
FIRE 1 Fire Dispatch
FIRE 2 Fireground
FIRE 3 Fireground

FIRE 4 Fireground
RADIO TO
RADIO # Fireground Simplex
DA 1-? District Attorney
JAIL 1-? Denver County Jail
NARC 1-4 Intel Bureau
SUPER 1-5 Supervisior Car to Car
VICE 1-? Vice bureau
CTF 1-? Classified Use
CAR Car to Car simplex
CITYWIDE General Car to Car
ICALL [Sub Group ALL] Dispatch to Individual car or
Individual car to car [Selective calling]
METROWIDE ALL GROUP SIMULCAST Usually Emergency

[FIRE CONVENTIONAL]
154.070 Paging/Station Monitors
154.280 S FERN Intersystem
155.955 Civil Defense Siren System
867.8625 Reported as Mobile Repeater Fireground
868.3250 Reported as Mobile Repeater Fireground
[AMBULANCE VHF]
155.340 S HEAR [Mutual Aid for DGH Call Overload]
[LOCAL GOVERNMENT]
48.500 S Denver Water Board Mountain Use
153.815 S Multiple Use
453.175 Denver General Paging
453.675 Paging
868.0875 Denver Housing Authority
[SCHOOLS]
461.675 Buses
464.375 Buses

[PUBLIC WORKS TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-01 858.4625 813.4625
R-02 859.2125 814.2125
R-03 859.4625 814.4625
R-04 860.2125 815.2125
R-05 860.4625 815.4625
R-06 855.4625 810.4625
R-07 856.2125 811.2125
R-08 856.7125 811.7125
R-09 857.4625 812.4625
R-10 858.2125 813.2125
R-11 858.7125 813.7125
R-12 859.2625 814.2625
R-13 859.7125 814.7125
R-14 860.2625 815.2625
R-15 860.7125 815.7125

[STAPLETON AIRPORT CONVENTIONAL NON-TRUNKED]
856.4375 F-1 Tower/Fire/Administration/Crash Investigators
857.4375 F-2 Runway Maintenance & Snow Removal.
858.4375 F-3 Building Maintenance.
859.4375 F-4 Technical/Operational Support.
860.4375 F-5 Police.

[DENVER INTERNATIONAL AIRPORT TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-01 855.2125 810.2125
R-02 855.7125 810.7125
R-03 856.4625 811.4625
R-04 857.2125 812.2125
R-05 857.7125 812.7125
R-06 866.3625 821.3625
R-07 866.6625 821.6625
R-08 866.9375 821.9375
R-09 867.5375 822.5375
R-10 867.8375 822.8375

DONALD WESCOTT FPD
[FIRE]
154.325 Dispatch [El Paso County]
154.160 TAC

DOUGLAS COUNTY
[POLICE]
154.785 F-1 Dispatch
151.385 F-2 Car to Car /Tac
154.965 S F-3 Tac
[FIRE]
151.115 F-1 DC FIRE Dispatch
151.025 West Douglas Fire Ops
151.205 Franktown Fire Ops
154.175 S Castle Rock Dispatch
154.265 S FERN-2
154.280 S FERN
154.295 S FERN-3
155.115 S Countywide Fireground
155.940 S Jackson 105 Fire Ops
155.160 S Rescue
[LOCAL GOVERNMENT]
151.130 Road Maintenance
156.165 S County Ops

EATON
[POLICE-See Weld County]
453.725 S Tactical/Car to Car ["City Channel"]
[FIRE]
154.145 S Dispatch [Weld County]

EDGEWATER
[POLICE-SEE JEFFERSON COUNTY]

154.995 S Administration
[FIRE]
154.445 S Dispatch

ELBERT COUNTY
[POLICE]
151.100 F-1 Dispatch
[FIRE]
153.995 S Dispatch
453.050 Ambulance
[LOCAL]
151.055 Road maintenance
[SCHOOLS]
154.540 S

ELIZABETH
[FIRE]
154.205 S Dispatch

ELK CREEK
[FIRE]
45.080 S F-1 Dispatch [Jefferson County]
45.200 S F-2 Fireground
45.380 TAC-3 Fireground

EL PASO COUNTY
[POLICE]
155.610 F-1 Dispatch
154.860 S F-2 Clearances
154.725 F-3 Car to Car
151.295 F-4 Investigators
453.400 Phone Patch
460.200 Administration
460.250 Administration
460.425 CLEER
[FIRE]
154.235 S Black Forest F.P.D.
154.325 Countywide Dispatch
154.430 S Cascade F.P.D.
154.445 S
[LOCAL GOVERNMENT]
151.250
154.055 S Code Enforcement/Animal Control
453.725 El Paso Community College Maintenance

ENGLEWOOD
[POLICE]
155.730 F-1 Dispatch
154.875 F-2 Information
460.425 CLEER
[FIRE]
154.160 Dispatch

154.340 South Metro
154.280 S FERN
[LOCAL GOVERNMENT]
153.800 City utilities

ERIE
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.355 S F-2 Fireground [Mountain View]
154.280 S FERN
[LOCAL]
453.9125S

ESTES PARK
[POLICE]
155.910 Dispatch
[FIRE]
159.405 S Dispatch
[UTILITY]
153.440 S Public Service Company

EVANS
[POLICE-See Weld County]
154.055 S Police "city channel"/Local Gov't
453.725 S

EVERGREEN
[FIRE]
453.950 Dispatch
453.375
453.475
45.520 Simulcast of 453.950
[UTILITY]
153.680 S Public Service Company

FAIRMOUNT F.P.D.
[FIRE]
154.385 Dispatch

FALCON FPD
[FIRE]
154.325 Dispatch [El Paso County]
153.830 TAC

FEDERAL HEIGHTS
[POLICE]
453.575 Dispatch
453.625 ENTAC
460.425 CLEER
[FIRE]
453.900 Dispatch
[LOCAL]

453.100 Public Works
453.750 Hyland Hills Ops

FLIGHT FOR LIFE - PROVENANT / ST. ANTHONY'S DISPATCH
[Note: Chopper has access to all VHF/UHF land mobile frequencies.]
130.150 S Dispatch Primary
123.050 S Dispatch Secondary
154.280 S FERN
155.340 S HEAR
460.425 S CLEER
463.225

FORT COLLINS
[POLICE-CAD/MDT Dispatched]
460.300 F-A Dispatch
460.350 F-B Clearances/Car to Car
453.600 F-C PD/FD TAC
460.425 CLEER
855.9625 CAD/MDT Data Channel
[FIRE]
460.625 F-1 Poudre Valley Fire Authority TAC
460.600 F-2 Poudre Valley Fire Authority DISPATCH
[LOCAL GOVERNMENT]
45.560 S
158.760
453.925
[TRANPORTATION]
453.750 Buses

FORT LUPTON
[POLICE]
159.255 S F-1 Dispatch
155.880 S F-2 Tactical
[FIRE]
154.235 S Dispatch
[LOCAL GOVERNMENT]
155.880 s Public works [Shared with Police]

FORT MORGAN
[FIRE-ALSO SEE MORGAN COUNTY FIRE]
154.430
[LOCAL]
155.820 S

FRANKTOWN F.P.D.
[FIRE]
151.115 S Dispatch [Douglas County]
151.205 S Fireground

FREDRICK F.P.D.
[FIRE]
153.785 S F-1 Dispatch [Weld County]

154.130 S F-2 Fireground

GENESEE F.P.D.
[FIRE]
45.080 S F-1 Dispatch [Jefferson County]
45.200 S F-2 Tactical [jefferson County]
46.100 S F-3 Fireground

GEORGETOWN
[FIRE]
154.355 S
155.100 S Primary [Also Clear Creek Co Fire Net]

GILPIN COUNTY
[POLICE/FIRE]
153.845 F-1 Dispatch
154.860 F-2 Tac
155.160 S [Rescue]
154.280 S FERN
155.475 S NLENC
[LOCAL GOVERNMENT]
159.180 S Road Maintenance

GLENDALE
[POLICE]
460.350 Dispatch
460.425 S CLEER
[FIRE]
453.250 Dispatch

GOLDEN
[POLICE]
155.910 F-1 Dispatch
159.465 S
155.475 S NLENC
460.425 CLEER
[FIRE]
155.835 Dispatch
154.280 S FERN
[LOCAL]
159.345 S

GRAND COUNTY
[POLICE]
153.815
155.685
[FIRE]
155.400 S EMS

GREELEY
[POLICE-CAD/MDT DISPATCHED]
453.300 F-1 Dispatch

453.550 F-2 Clearances/Tac
453.875 F-3 Tactical [Nights]
460.425 CLEER
866.0375 CAD/MDT Data
866.1375 CAD/MDT Data
[FIRE]
453.150 Dispatch
[LOCAL GOVERNMENT]
153.935 S Airport Authority
453.875 Public works
[TRANPORTATION]
453.750 Buses.

GREENWOOD VILLAGE
[POLICE-ARAPAHOE COUNTY MULTI-AGENCY TRUNKED 800 MOTOROLA SYSTEM]
866.1125
866.2125
866.4375
866.5375
866.6875
866.7875
867.0375
867.1000
867.2875
867.3500
867.5625
867.6000
867.8125
867.9375
868.1125
868.2375
868.4000
868.5125
868.7000
868.8375
[LOCAL GOVERNMENT]
453.650 Street maintenance

HIGH COUNTRY FPD
[FIRE]
154.145 S Dispatch

HIGHLANDS RANCH METRO DIST
[LOCAL GOVERNMENT]
156.060 Water

HUDSON
[FIRE]
154.250 S Fireground

HYLAND HILLS METRO DISTRICT
[LOCAL GOVERNMENT]

453.750 S Operations

IDAHO SPRINGS
[LOCAL GOVERNMENT]
155.100 S

IDLEDALE F.P.D.
[FIRE]
46.080 S Fireground

INDIAN HILLS F.P.D.
[FIRE]
45.320 S Fireground
153.935 Mobile Extenders & repeater link to 45.080
453.2875 Fireground

INTERCANYON F.P.D.
[FIRE]
45.080 S Dispatch [Jeffco]
453.0125S Fireground

JACKSON 105 FPD
[FIRE]
151.115 Dispatch [Douglas County]
155.940 S Fireground

JEFFERSON COUNTY
[POLICE]
155.250 F-1 Main
155.370 F-2 Car to Car/Tactical
155.430 S F-3 Information/Clearances
155.475 S NLENC
154.280 S FERN
151.040 Paging
453.850 Jail Ops
460.025 S Administration/Detectives/District Attorney.
460.425 CLEER
866.6375 Jail
[FIRE]
45.080 S F-1 Dispatch
45.200 S F-2 Fireground. [Also State EOC]
154.265 S FERN-2
154.280 S FERN
154.295 S FERN-3
[LOCAL GOVERNMENT]
153.740
155.085 S Multiple Use
156.000 Parks/Animal Control/Senior Resource Center.
156.105
156.240 County Road Maintenance.
[SCHOOLS]
461.150

KIOWA FPD
[FIRE]
153.995 Dispatch

LAFEYETTE
[POLICE]
155.145 GREEN Dispatch [Boulder County]
155.655 YELLOW Tactical [Boulder County]
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.415 S RED-3 Fireground
[LOCAL GOVERNMENT]
37.100 s Public Works
37.260 s Public Works

LAKESIDE
[POLICE]
453.750 Park Operations/Phone Patch

LAKEWOOD
[POLICE]
460.050 F-1 North Dispatch
460.150 F-2 South Dispatch
460.325 F-3 Car to Car/Clearances
460.425 CLEER
460.475 CAD/MDT DATA
[LOCAL GOVERNMENT]
453.925 Public Works

LAKEWOOD/BANCROFT FIRE AUTHORITY
[FIRE]
154.130 F-1 Dispatch
154.190 F-2 Administration
154.220 F-3 Dispatch
154.250 S F-4 Fireground

LARIMER COUNTY
[POLICE]
155.130 F-1 Dispatch
155.565 F-3 Car to Car/Clearances
155.475 NLENC
460.425 CLEER
[FIRE]
154.385 S County Fire net.
154.280 S FERN
[AMBULANCE]
155.340 S
155.385 S Rescue
[LOCAL GOVERNMENT]
45.120 Road Maintenance
154.115 S Parks
159.105 Paging

LINCOLN COUNTY
[POLICE]
153.845 Dispatch

LITTLETON
[POLICE]
460.100 F-1 Dispatch
460.300 F-3 Clearances
460.425 CLEER
[FIRE]
154.340 F-1 Dispatch [South Metro]
[LOCAL GOVERNMENT]
158.820 S City services.

LONGMONT
[POLICE]
156.210 F-1 Dispatch
154.815 F-2 Car To Car/Tac
151.220 F-3 TAC
155.475 S NLENC
460.425 CLEER
[FIRE]
154.175 Dispatch
151.220 TAC
154.280 S FERN
[AMBULANCE]
155.280 S AMR Dispatch
[LOCAL GOVERNMENT]
158.895 City utilities
158.865 S
158.190 S Power
[SCHOOLS]
46.000 S St. Vrain Dist 1J

LOOKOUT MOUNTAIN FPD
[FIRE]
45.080 s F-1 Dispatch [Jeffco]
45.200 s F-2 Fireground [Jeffco]
46.140 s TAC-3 Fireground

LOUISVILLE
[POLICE]
155.145 GREEN Dispatch [Boulder County]
155.655 YELLOW Tactical [Boulder County]
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.415 S RED-3 Fireground
[LOCAL GOVERNMENT]
154.055 S City Services

LOVELAND
[POLICE]
156.750 F-1 Dispatch

154.860 S F-3 Clearances
155.475 S NLENC
[FIRE]
154.010 S Dispatch
154.445 S Alternate
154.280 S FERN
155.325 S Ambulance
[LOCAL GOVERNMENT]
153.470 Water
153.695
158.745 Public works
158.205
[SCHOOLS]
45.920 S Thompson Dist 2J Buses
45.960 S Thompson Dist 2J Buses

MEAD
[FIRE]
154.325 S RED-1 Dispatch [Boulder County]
154.355 S F-2 Fireground [Mountain View]

MED CHANNEL ASSIGNMENTS

[NOTE: THIS IS A STANDARD NATIONWIDE SYSTEM]
MED-1 463.000/468.000 HOSPITAL/AMBULANCE
MED-2 463.025/468.025 HOSPITAL/AMBULANCE
MED-3 463.050/468.050 HOSPITAL/AMBULANCE
MED-4 463.075/468.075 HOSPITAL/AMBULANCE
MED-5 463.100/468.100 HOSPITAL/AMBULANCE
MED-6 463.125/468.125 HOSPITAL/AMBULANCE
MED-7 463.150/468.150 HOSPITAL/AMBULANCE
MED-8 463.175/468.175 HOSPITAL/AMBULANCE
MED-9 462.950/467.950 DISPATCH CENTERS
MED-10 462.975/467.975 DISPATCH CENTERS

METRO INTERSYSTEMS

154.280 S FERN [Fire Emergency Radio Network Channel 1]
154.265 S FERN-2 [Fire Emergency Radio Network Channel 2]
154.295 S FERN-3 [Fire Emergency Radio Network Channel 3]
155.340 S HEAR [Hospital Emergency Ambulance Radio]
155.475 S NLENC [National Law Enforcement Emergency Network Channel]
460.425 S CLEER [Colorado Law Enforcement Emergency Radio]
866.0125 I-CALL National Interagency Calling Channel
866.5125 ITAC-1/NPS-1 National Interagency Tactical Channel 1
867.0125 ITAC-2/NPS-2 National Interagency Tactical Channel 2
867.5125 ITAC-3/NPS-3 National Interagency Tactical Channel 3
868.0125 ITAC-4/NPS-4 National Interagency Tactical Channel 4

MILE HIGH STADIUM
[OPERATIONS-ALSO DENVER PUBLIC WORKS 800 MHz SYSTEM]
462.8625 S

467.8625 S

MORGAN COUNTY
[POLICE]
155.010 F-1 Dispatch
151.010 Clearances
156.075 Tac
[FIRE]
158.820 Dispatch
[LOCAL GOVERNMENT]
151.325 Multiple Use
153.845 Multiple Use
156.075 Multiple Use

MORRISON
[POLICE/FIRE]
155.250 F-1 Dispatch [Jefferson County]
155.370 F-2 Tatcical [Jefferson County]
155.430 F-3 Clearances [Jefferson County]
[LOCAL GOVERNMENT]
155.040 S

MOUNTAIN VIEW FPD
[FIRE]
154.325 S RED-1 [Dispatched By Boulder]
154.355 S F-2 TAC/Fireground and Admin Use
153.785 S F-3 Weld County Fire "A" mutual aid use

NATIONAL SKI PATROL
[RESCUE]
155.160 S NATIONWIDE
155.205 S NATIONWIDE
155.220 S NATIONWIDE
155.235 S NATIONWIDE
155.295 S NATIONWIDE

NATIONWIDE INTERSYSTEMS
154.280 S Fire
155.475 S Police

NEWS MEDIA/BROADCASTERS

153.110 KBCO [Remote]
161.640 KHOW [Remote]
161.730 KOA [Remote]
161.760 KOA [Remote]
166.250 KYGO/KKFN/KWMX [Traffic]
450.0375 KBCO [Engineering]
450.0500 KHOW [Traffic Reports]
450.1125 KCNC [F-1 Technical]
450.1375 KCNC [F-3 Technical]
450.1500 KTRR/KGLL [Ft. Collins Remote Broadcast Downlink]

450.1625 KCNC [F-5 Reporters]
450.1875 KOA/EBS [EBS NET]
450.2125 KUSA [Occasional]
450.2375 KYGO/KKFN/KWMX [F-A Reporters]
450.2625 KBCO [Engineering]
450.2875 KOA [F-1 Reporters]
450.3375 KWGN [Reporters Boulder]
450.3625 KYGO/KKFN/KWMX [F-C Traffic Report Backup]
450.3875 KYBG/KQKS [Occasional]
450.4125 KUSA [F-2 Boulder County Bureau.]
450.4375 KMGH [IFB]
450.4625 KCNC [F-7 Occasional]
450.4875 KYGO/KKFN/KWMX [F-B Alternate]
450.5125 KMGH [F-1 Reporters]
450.5375 KWGN [Reporters]
450.5625 KZDG [Traffic]
450.5875 KMGH [F-2 Technical]
450.6125 KUSA [F-1 Denver Bureau]
450.6500 KBPI [Remote Downlink]
450.6750 NBC [Mile High Stadium IFB]
450.6875 METRO [Traffic reporter coordination]
450.7000 KKMG [Remote Broadcast Uplink]
450.7125 KMJI/KALC [Remote Use]
450.7500 KMJI/KALC [IFB]
450.8000 KIIX/KKFN [Colorado State Sports Network Downlink]
450.8250 NBC [Mile High Stadium Engineering]
450.9000 KUAD [Remote Uplink]
455.1500 KTRR [Remote Uplink]
455.6625 KBPI [Remote Uplink]
455.7500 KMJI/KALC [Remote Uplink]
455.8000 KYGO/KKFN/KWMX [Remote Uplink]
455.9000 KYGO/KKFN/KWMX [Remote Uplink]
455.9500 KQKS [Remote Uplink]
944.1250 KDKO [WFM. STL]
944.5000 KUVO [WFM. STL]
944.5000 KYGO-FM [WFM. STL North]
944.8750 KHOW [WFM. Relay to Transmitter]
945.1125 KHOW [WFM. Relay to Transmitter]
945.5000 KCFR [WFM. STL]
946.0000 KKFN [WFM. Relay to Transmitter]
946.8750 KXKL [WFM. STL]
947.0000 KXKL [WFM. STL]
947.5000 KALC [WFM. STL]
948.0000 KKFN [WFM. Studio to Relay]
948.5000 KOA [WFM. Lookout Mtn to Parker]
949.3875 KTLK [WFM. STL]
949.5000 KHIH [WFM. STL]
950.0000 KYGO-FM [WFM. STL]
950.5000 KOA [WFM. Studio to Lookout Mtn]
950.8750 KUNC [WFM. STL]

951.0000 KRFX [WFM. STL]
951.1250 KUNC [WFM. STL]

NORTH ELBERT COUNTY V.F.D.
[FIRE]
153.995 S Dispatch

NORTH METRO FIRE PROTECTION AUTHORITY
[FIRE-See Adams County Communications]

NORTHGLENN
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications North Metro Fire]
[LOCAL GOVERNMENT]
453.275 Public Works

PARK COUNTY
[POLICE/FIRE]
154.085 F-1 Dispatch
155.160 Search & Rescue
151.025 Occasional

PARKER
[POLICE]
158.745 F-1 Dispatch
154.145 S F-2 Tac
[FIRE]
154.340 Dispatch [South Metro]
154.145 S Fireground
154.445 S Fireground
[LOCAL GOVERNMENT]
856.2625
857.2625
858.2625

PLATTE CANYON FPD
[FIRE]
154.4300 Dispatch

PLATTEVILLE
[POLICE-See Weld County]
[FIRE]
153.785 S Dispatch Fire A [Weld County]
154.280 S FERN
[LOCAL GOVERNMENT]
453.3375 Telemetry

POUDRE VALLEY HOSPITAL
[EMS]
155.340 S

PUBLIC SERVICE COMPANY OF COLORADO
[UTILITY]

153.680 S Evergreen Division.
153.440 S Boulder/Greeley/Estes Park
[DENVER METRO TRUNKED 800 MOTOROLA SYSTEM]
856.2875
857.2875
858.2875
859.2875
860.2875
856.3625
857.3625
858.3625
859.3625
860.3625
856.4125
857.4125
858.4125
859.4125
860.4125

RATTLESNAKE FPD
[FIRE]
153.995 Dispatch

REGIONAL TRANSPORTATION DISTRICT. R.T.D.
[TRANPORTATION]
452.300 CAD/MDT
452.675 Boulder County Supervisors,Mechanics,Buses and Regional Buses
452.700 Mechanics/Tow Trucks
452.725 Buses
452.775 CAD/MDT
452.800 Buses
452.825 Buses
452.850 Light Rail Operations
452.875 Buses/Maint
453.225 Supervisiors

SHERIDAN
[POLICE]
155.535 Primary Dispatch
155.670 Secondary Dispatch [Arapahoe County]
460.425 CLEER
[FIRE]
158.760 Dispatch

SILVERTHORNE
[POLICE]
155.535 S
SOUTH METRO FIRE PROTECTION DISTRICT
[FIRE]
154.340 F-1 Dispatch
154.235 S F-2 Fireground 2

154.010 S F-3 Fireground 3
154.385 S F-4 Fireground 4
153.950 S F-5 Fireground 5
154.280 S F-6 FERN
154.295 S F-7 FERN-2
154.265 S F-8 FERN-3
154.310 F-9 Fireground 9 Tactical
154.145 S Parker Fire Fireground
154.445 S Parker Fire Fireground

SUMMIT COUNTY
[POLICE]
155.625 F-1 Dispatch
154.785 F-2
[AMBULANCE]
155.340 S Countywide Dispatch
[FIRE]
154.400 County Firenet

TELLER COUNTY
[POLICE]
155.580 Dispatch

THORNTON
[POLICE-See Adams County Communications]
[FIRE-See Adams County Communications North Metro Fire]
[LOCAL GOVERNMENT]
155.775 S City services
[SCHOOLS]
461.875 Thornton H.S.

UNITED POWER INC
[UTILITY]
37.860 Brighton/North West Adams/Weld County Dispatch

VAIL
[POLICE]
453.100 F-1 Dispatch
453.800 F-2 Clearances/Tactical
[FIRE]
453.400 Dispatch
460.6375 Fireground
[AMBULANCE/RESCUE]
155.160 F-1 Mountain Rescue
155.235 F-2 Mountain Rescue
462.450 Mountain Rescue
463.1875 Mountain Rescue
[LOCAL]
453.375 S
453.475
[TRANPORTATION]
453.675 Buses

WASHINGTON COUNTY
[POLICE]
155.070 F-1 Dispatch

WEATHER INFORMATION & REPORTING
162.400 NOAA Weather Radio Pueblo,Greeley/Ft Morgan
162.450 NOAA Weather Radio Ft. Collins
162.475 NOAA Weather Radio Colo Springs, Mead
162.550 NOAA Weather Radio Denver, Grand Junction, North Platte
145.010 HAM 1200 Baud Packet Data with NWS bulletin information
145.115 HAM Severe WX Net N. Colorado Weld/Larimer/Morgan Counties
146.940 HAM Severe WX Net Denver Metro To FT Morgan.A.M. infonet
146.970 HAM Severe WX Net Colo Springs/Pueblo E. to Limon
147.150 Backup Frequency for 146.940
410.575 NOAA Weather Radio Cheyenne

WELD COUNTY
[POLICE]
460.400 F-1 Clearances South
460.200 F-2 Municipalities/Townships Dispatch
460.250 F-3 S.O. Dispatch Primary
460.025 F-4 Clearances North
453.650 F-5 Tactical
460.425 F-6 CLEER
453.950 F-7 Tactical
[FIRE]
153.785 S "Fire-A" Southern County Dispatch
154.145 S "Fire-B" Northern County Dispatch
[AMBULANCE]
155.400 S Countywide Dispatch [Weld County]
[SCHOOLS]
155.175 S School District RE-1
157.470 S School District RE-9/RE-12
453.850 Buses
[LOCAL GOVERNMENT]
453.650 Highway A Road Maintenance
453.950 Highway B Road Maintenance

WELLINGTON
[FIRE]
158.880 Dispatch

WEST DOUGLAS COUNTY FPD
[FIRE]
151.115 Dispatch
151.025 Fireground

WESTMINSTER
[POLICE/FIRE/AMBULANCE/LOCAL GOVERNMENT TRUNKED 800 G.E. EDACS SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625

R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

WESTERN HILLS FIRE
[FIRE-SEE WELD COUNTY]
154.190 s Fireground

WHEATRIDGE
[POLICE]
155.070 F-1 Dispatch
154.845 S F-2 Clearances
154.800 S F-3 Tac
155.475 S NLENC
460.425 CLEER
[FIRE]
151.310 Dispatch
[LOCAL GOVERNMENT]
852.2375 City Services

WINTER PARK
[LOCAL]
159.180 S Road Maintenance

--
==========
No battle plan ever survives contact with the enemy.

3833. Re: DTMF 'F' ?????

Newsgroup: rec.radio.scanner
Date: 1995-03-23 15:45:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.179.000FC114@ccm.hf.intel.com>
Source record: 259625

In article <brett_miller.177.000E66F0@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <3kq06r$50m@ecom2.ecn.bgu.edu> mudaw@uxa.ecn.bgu.edu (David A.

>I don't have a reference chart handy but there are 16 DTMF tones. The
>standard 0-9, #, and *, plus A,B,C,D,F

>Since A-F are not on a telephone they tend not to be used very often. Most
>Ham rigs that transmit DTMF cover A-F.

>I didn't realize that the 51R would decode DTMF. Is that correct?

How silly of me. 'F' would make 17! I guess I was just thinking about Hex characters: 0-F. Maybe your radio displays * or # as 'F' ??

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3834. Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 15:52:46 UTC
From: wired@genes.pl.my
Message-ID: <795973966.71snx@genes.pl.my>
Source record: 259696

The local police use digital Motorola Saber Systems transceivers. All I get is static, with the occasional end-of-tx bleep. Any easy way to convert this back to analog?

3835. Re: Rechargable alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 16:52:55 UTC
From: dgoodman@aol.com
Message-ID: <3ks917$7e5@newsbf02.news.aol.com>
Source record: 259697

>Are the rechargeable alkalines worth the investment?

While you don't get nearly the number of recharge cycles from alkalines as nicads, I've found them much easier to manage among my array of portable toys. I've switched entirely from nicads to the Rayovac Renewal batteries, which require the Rayovac recharger (I use the smaller, AA/AAA charger). They exhibit essentially the same shelf-life as alkalines, and you don't have to run them down prior to recharging (in fact, you get more life out of them if you swap 'em before they run down). For the first dozen or so cycles, I also get much longer life from a set than from a well-trained set of nicads.

Therefore, if I'm not sure whether a set of batteries will last the time I need them (e.g., taking a scanner to a ballgame), I'll put in a freshly charged set. I use them for my scanner, portable CD player, Newton MessagePad 120, and low-power 2 meter handy-talky. They're not good for high-current drain applications, such as higher-power transmitters.

Danny Goodman

3836. Re: GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:02:14 UTC
From: ron@fc.hp.com
Message-ID: <3ks9im$t3i@tadpole.fc.hp.com>
Source record: 259698

kk4l@vnet.ibm.com wrote:

: I have an ICOM GP-22. It lied to me in the Colorado high country and
: it took us (my 25 yr. old son and I) 3 days to find the truck.

Discussion in rec.backcountry tends to converge on the opinion that
one should never be without map & compass skills in the backcountry.
But it might have been a foggy 3 days.... I dunno.
Or maybe the unit just has a lousy human interface and couldn't tell
you that it wasn't trustworthy yet.

: I have talked to Icom service and they claim that I should have
: done an "almanac" in the location that I was using the receiver.
: According to the instructions, accuracy is not why one does an
: almanac. There is an outfit in Kansas whose name I've forgotten
: but it's something like Cerwin, who has been working with the
: FAA on putting GPS into aircraft. They have what LOOKS like a
: much better receiver. Their product is advertised in the latest

Garmin probably. One of several companies selling a selection of
2nd and 3rd generation GPS receivers.

: Cabellas catalog. They use an 8 channel receiver and there is a
: display mode that shows signal strengths. I think my problem
: was due to multi-path distortion, but I can't prove it. I tested
: the receiver in another location (still in the mountains) and when
: I moved 50 feet, it told me that I had moved 8 miles.

Without signal strength indication and 'state of tracking' it's hard to
know what quality fix you're getting.
Most 2nd and 3rd generation units provide this very well.

: I'm going to forget that I paid $750 for the ICOM and go buy one
: of the new ones ($499 I think) before I stray too far from a
: marked trail, or stream bed, again.
: Ken D. - KK4L

I've recently bought a Garmin GPS40. Very compact, good battery life, good
human interface. It still doesn't work very well under trees on the side
of a ridge due to occlusion of the satellites. I have found my track
velocity to be as high as 2mph when standing still even when the unit
indicates it has a fix. But I'd be stunned if it showed me a variation of
8 miles! (and I was using it in the Colo. high country too with plans to
do even more above timberline)

The Cabela's catalog is a great place to get a feel for the variety of
GPS units that are out there for hunters/fishermen.

The small-boating industry has their additional selection of salt-water Nav GPS too.

GPS is somewhat off-topic of rec.radio.scanner but I wouldn't be surprised if MDTs and dispatchers start getting some kind of GPS interface to units. Imagine how search-and-rescue would change if a person just whipped out the old cellphone, pressed 911G and the phone/GPS unit sent the location of the emergency!

Ron Miller
NW0U

3837. Pro 37 mods

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:07:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <0b6_9503240759@tor250.org>
Source record: 259635

```
DW>From: dwiza@pinn.net (Comrade_Gorby)
DW>Newsgroups: rec.radio.scanner
DW>Subject: Pro 37 mods
DW>Date: 20 Mar 1995 04:26:43 GMT
DW>Organization: Soviet_Government_in_Exile
DW>Lines: 4
DW>Message-Id: <3kj063$bl@everest.pinn.net>
DW>Nntp-Posting-Host: ppp-c-44.pinn.net
DW>Mime-Version: 1.0
DW>X-Newsreader: WinVN 0.93.14

DW>I am begging, PLEADING for Pro 37 mods. I know about the cell phone
DW>mod, but are there others?

DW>---
DW> * Origin: Usenet:Soviet_Government_in_Exile (1:12/98.1)
---
* SLMR 2.1 * People in glass houses should invest in curtains!
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.
```

3838. Re: Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:13:56 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D5wL78.8q@freenet.carleton.ca>
Source record: 259699

In a previous posting, Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) writes:
> In article <3k9uol$6jn@clarknet.clark.net> jcosiman@clark.net (JMConsulting) writes:
>>Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:
>
>
> I think this comment was aimed at the issue of national security more than
> anything. I do not think it would be proper to post real-time movements of
> the military on the internet. Even with limited distribution, other countries
> can just use dialup access to get messages with USA distribution.
>
The Military does have the technology to keep their comms secure, therefore
if they are not using the technology they will have to accept that people
will be monitoring. If the broadcasts are not encrypted I can only assume
that the comms are not secret.

Darrell Larose
ad607@freenet.carleton.ca |
|
\ / \ / ____ \ / \ /
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/_ -- _/\
0 00 0
--

3839. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:20:01 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D5wLHE.L1@freenet.carleton.ca>
Source record: 259700

I have heard Northern Lights and Bandsaw as well, many times from Ottawa.
The callsign I heard that I haven't figured out is Milchafe 9 I heard
him contact Griffiss AFB about a year ago. Was a heavy of some sort, because
of the amount of fuel he wanted, needed ground transport for 23 persons, and
Class B security for the bird... My best guess was either a RC-135 or maybe
a JStar.

--
Darrell A. Larose | ad607@freenet.carleton.ca
..I want to die peacefully in my sleep like my Grandfather...
...Not screaming in terror like his passengers...
--

3840. RE: SCANNER IN AIRLINE LU

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:32:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A60278.059E0003E9.uuout@iotp.com>
Source record: 259701

On 22 Mar 95 09:16pm, GARY JACEK wrote to ALL:

GJ> I was once challenged at Vancouver International when I had a Pro43
GJ> in my carryon luggage. The xray tech asked if I had a "radio" in my
GJ> luggage. I foolishly answered "yes", instead of correcting him by
GJ> clarifying that it was a "radio receiver". His next question was,
GJ> did I have a license for it (meaning a transmitter), which I didn't,
GJ> because it wasn't. In the end, his supervisor realized it was
GJ> a receiver and let me pass on to my departure gate.

Interesting. You do not need a license to have a transmitter in your
posession, only to transmit on it (please, do not correct me about
transmitters that don't need a license. Thank you, all). Also, even if you
did, it would not be in his jurisdiction to question you about it.
Looks like another case of a little person trying to make a little authority
go a long way.

Bill Funk
Internet: bill.funk@iotp.com

... "Bother," said Pooh, pulling the tribble from his honey pot.
* Silver Xpress V4.00 SW12853

3841. RE: PRO-2035 QUESTION

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:32:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A60278.059E0003E7.uuout@iotp.com>
Source record: 259702

On 22 Mar 95 04:51am, KEVIN SANDERS wrote to ALL:

>> Interesting. Could you list the frequencies involved? Both the cell freqs
>> involved, and the advertised band coverage?
>> No, the '35 doesn't lock out specific frequencies, just bands.
>> How do you like the memory configuration (10 banks of 100 memories)?

KS> One example is 863.150. This is a cellular freqency in this area and
KS> comes in really strong on the PRO-39 with a rubber duck, but isn't heard
KS> *at all* by the 2035. That is, you don't hear anything even with the

This is NOT a cellular frequency, and that's why the '2035 doesn't hear it.
The '39 is dual conversion, and you are hearing an image there.

KS> 863.250 *is* a business frequency here and it comes in on both the
KS> PRO-39 and the PRO-2035 with about the same strength, using identical
KS> antenna configurations.

Yes, that's a legitimate freq, and both scanners will hear it.

KS> The advertised bands of the 2035 are 760-824, 849-869, 894-956.

Thanks.
KS> BTW, 100 memories per bank is way too many. It always scans through the
KS> empty memories, so for fastest scanning you have to lock out the
KS> unprogrammed ones. And while I'm grousing, the tuning knob only works
KS> in certain modes, not always when you would like it to.

Hmm... If you really don't like it, I'll give you $200 for it :-).
Thanks for the response.

Bill Funk
Internet: bill.funk@iotp.com

... Be warned... I'm carrying a concealed broadsword (geeze, that hurts!)
* Silver Xpress V4.00 SW12853

3842. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:32:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A60278.059E0003E8.uuout@iotp.com>
Source record: 259703

On 21 Mar 95 01:25pm, ATTGEORGEW wrote to ALL:

A> Not true. The moving source emits a single carrier. Some of that signal
A> is reflected by stationary objects and some of that signal is reflected
A> by the target. Because each of those items is moving at different
A> relative speeds, two different Doppler-shifted signals are reflected.
A> The source again mixes the reflected signals with the transmitted
A> signal to get the difference frequencies. A little signal analysis
A> determines the difference between the two speeds to get the speed
A> of the target.

That won't work. Unless the stationary source is either dead ahead or
astern, then the speed of the transmitting vehicle can't be determined with
any real accuracy, unless the radar unit has a way of inputing the angle
of the stationary object "off the bow", and they don't.
The way I described movimng radar was gotten from the Santa Rosa Police (Ca)
about 15 years ago. This was the only way to get an accurate speed of the
transmitting vehicle then, and I don't think the technology has changed
enough for the radar unit to automatically determine the angle (while it
IS possible, and more sophisticated radar units do this all the time,
space and $ prohibit it's use for traffic law enforcement).
Interesting.

Bill Funk
Internet: bill.funk@iotp.com

... if (!good_day) { sleep(until_next_day) };
* Silver Xpress V4.00 SW12853

3843. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-23 17:32:38 UTC
From: jcarter@orl.mmc.com
Message-ID: <3ksbbm$kpf@theopolis.orl.mmc.com>
Source record: 259704

You guys need to be using WeatherMan 3.0. It uses a sound board
to decode wefax images. Contact the author "Paul Hitchcock" at
"paulhtc@netcom.com" for more information, or download it from
"oak.oakland.edu" in the ham radio area.

Jim

3844. Altoona Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-23 18:09:52 UTC
From: rgallim232@aol.com
Message-ID: <3ksdhg$8cr@newsbf02.news.aol.com>
Source record: 259705

Can somebody tell me what the railroad frequencies are for Altoona and Horseshoe Curve area are. I am leaving Friday so any help would be very appreciated.

Thanks
Ron

3845. Re: GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-23 18:42:55 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <3ksfff$sus@post.its.mcw.edu>
Source record: 259706

See the newsgroup sci.geo.satellite-nav for a discussion devoted to GPS.

--
Michael J. Malloy Amateur Radio N9WJV
Medical College of Wisconsin Compuserve 70334,3563
Milwaukee, Wisconsin Internet mmjjmm@post.its.mcw.edu

3846. mods & n.j. freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:06:38 UTC
From: erl@hotsand.tbu.att.com
Message-ID: <D5wqF2.6FE@nntpa.cb.att.com>
Source record: 259707

I'm just getting started in scanning, last week I picked up
a BC210XL at the winter short wave fest. So my question is this,
any mods for this unit?
Also I would appreciate any freqs in my area (fire police etc.)
I live in east brunswick n.j.
Thanks
Ed Ledner
erl@hotsand.att.com

3847. Communications Quarterly Spring Highlights

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:18:01 UTC
From: nw2l@aol.com
Message-ID: <3kshh9$962@newsbf02.news.aol.com>
Source record: 259708

"COMMUNICATIONS QUARTERLY" Reports a Milestone in Communications Receiver Development!

The upcoming Spring 1995 issue of "COMMUNICATIONS QUARTERLY" will feature an article titled: "The Watkins-Johnson HF-1000A Milestone in Communications Receiver Development." This informative piece is written by Scott D. Prather, KB9Y, an author who is frequently published in the Quarterly.

Those of you who would like to learn about this new receiver will find a plethora of information that will explain in detail what it is and how it works. Mr. Prather begins his article: "The Watkins-Johnson HF-1000 is the first affordable, stand-alone commercial receiver to use digital signal processing (DSP) at the IF level. In the HF-1000, DSP provides IF selectivity, demodulation, noise blanking, fine tuning, passband tuning, and signal strength calculation, along with several other features ... The use of DSP in the HF-1000 represents a major turning point in receiver technology." One key piece of information offered by Mr. Prather is that the unit is relatively simple to use. He explains: "I found I could execute about 90 percent of the receiver's features without referencing the manual." In conclusion, the author continues: "So, what's it like to use a digital receiver? It's unbelievable! ... the HF-1000 [is] the most enjoyable receiver I've ever operated." "Watkins-Johnson has made a brilliant move into the future of communications receivers."

The article features such topics as: an overview of the HF-1000, the HF-1000 RF assembly, a brief tutorial on Digital Signal Processing, the HF-1000 digital control assembly, and using the HF-1000. Other features include a schematic of the Siliconix Si8901 high-intercept mixer and photographs of the RF and digital assemblies within the HF-1000.

If you'd like to know more, pick up your copy of "Communications Quarterly" -- on newsstands in May.

Nancy Barry
Assistant Editor

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Inquiries, editorial correspondence and requests for subscription information may be directed to the above address or, via e-mail, to any one of the following addresses: CommQuart@aol.com; CQ@genie.geis.com; 72127.745@compuserve.com or p00259@psilink.com.

3848. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:19:25 UTC
From: af177@FreeNet.Carleton.CA
Message-ID: <D5wr0D.8L7@freenet.carleton.ca>
Source record: 259709

In a previous posting, Gary Jacek (gjacek@yvr.cyberstore.ca) writes:
> I was once challenged at Vancouver International when I had a Pro43
> in my carryon luggage. The xray tech asked if I had a "radio" in my

The "security person" , none of them are xray techs

> luggage. I foolishly answered "yes", instead of correcting him by
> clarifying that it was a "radio receiver". His next question was,

It really doesn't matter what you reply, whether it's a radio or a radio receiver, it is still a piece of electronic gear, that is the important fact.

> did I have a license for it (meaning a transmitter), which I didn't,

It is not the person's job to confirm anything about licensing, you may have got a "keener" or one who is on a power trip because he puts on a uniform and has a little authority.

> They never asked me to turn it on.

They had every right to do so, to confirm that it was a working receiver

Unless you must have your radio etc on board with you, it is usually best to put the items in your checked baggage (I'm referring to North American flights). There is usually no hassle. I know, bags get lost and damaged !

A good rule when you encounter problems at the security checkpoint is to call the supervisor. There really is nothing gained by arguing with the person at the check point. If it holds up the line, so be it.

A final thing to remember is that the rules, people and check points are there so that all of us get safely to where we're going.

Time to get off my soap box

Bill Dyke one cog in the wheel working towards a safe
Ottawa transportation system

3849. Indiana and Illinois Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:20:15 UTC
From: johnw@right1.right.net
Message-ID: <johnw.795986415@right1>
Source record: 259710

Tomorrow I'll be traveling through Indiana and illinois.... If anyone has a list of State Hwy patrol freqs I'd appreciate it.

Thanks!

--
John L. Wilkerson Jr. jwilkers@right1.right.net

3850. Re: Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:20:53 UTC
From: domonkos@access.digex.net
Message-ID: <iUSSliubGo7M079yn@access.digex.net>
Source record: 259711

In article <D5wL78.8q@freenet.carleton.ca>,
ad607@FreeNet.Carleton.CA (Darrell A. Larose) wrote:
> >
> >
> > I think this comment was aimed at the issue of national security more than
> > anything. I do not think it would be proper to post real-time movements of
> > the military on the internet. Even with limited distribution, other countries
> > can just use dialup access to get messages with USA distribution.
> >

Sometimes the contrary, during the pending Haitian invasion when Carter was
trying his last ditch attempt at a peaceful resolution, the HF and UHF freqs
were buzzing with tactical comms in the CLEAR, this showed the Haitian
military the U.S. was serious and about to dump hell on them if they
didn't go along.

Encryption is costly, and unless classified strategic info is dispatched,
most comms will be in the clear. There's quite a bit of logistics involved
in using an encryuption system, and needs to be justified for all branches
involved to use.

There are coded terms used for comms in the clear, and that apparently
is good enough for daily ops.

> The Military does have the technology to keep their comms secure, therefore
> if they are not using the technology they will have to accept that people
> will be monitoring. If the broadcasts are not encrypted I can only assume
> that the comms are not secret.
>
>
> Darrell Larose
> ad607@freenet.carleton.ca |
> |
> \ / \ / ____ \ / \ /
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> /_ -- _/\
> 0 00 0
> --
>

I like that sig....

Andy

3851. Re: Rechargable alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:21:05 UTC
From: domonkos@access.digex.net
Message-ID: <HbSSliubGw9D079yn@access.digex.net>
Source record: 259712

```
In article <3ks917$7e5@newsbf02.news.aol.com>,
dgoodman@aol.com (DGoodman) wrote:
>
> Therefore, if I'm not sure whether a set of batteries will last the time I
> need them (e.g., taking a scanner to a ballgame), I'll put in a freshly
> charged set. I use them for my scanner, portable CD player, Newton
> MessagePad 120, and low-power 2 meter handy-talky. They're not good for
^^^^^^^^^^^^^^^^^^^
> high-current drain applications, such as higher-power transmitters.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Neither are alkalines. Nicads actually win here.

Andy
```

3852. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:28:21 UTC
From: ad815@cfn.cs.dal.ca
Message-ID: <D5wrFB.Ey4@cs.dal.ca>
Source record: 259713

Gary Jacek (gjacek@yvr.cyberstore.ca) wrote:
: I was once challenged at Vancouver International when I had a Pro43
: in my carryon luggage. The xray tech asked if I had a "radio" in my
: luggage. I foolishly answered "yes", instead of correcting him by
: clarifying that it was a "radio receiver". His next question was,
: did I have a license for it (meaning a transmitter), which I didn't,
: because it wasn't. In the end, his supervisor realized it was
: a receiver and let me pass on to my departure gate.

: They never asked me to turn it on.

--
What if it was a CB? No licence required in Canada as far as I know? Why would they ask if you had a licence? What if it was registered in Japan? Do they read Japanese? Russian? Makes no sense to ask for a licence? Shows what type of security is at Canadian airports when the person can't tell if you've got a legitmate reciever or a handheld AIR/VHF that could interfere with onboard transmissions. My 2 cents.
Sean

3853. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-23 19:44:49 UTC
From: dave@blakey.demon.co.uk
Message-ID: <42912072wnr@blakey.demon.co.uk>
Source record: 259714
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

> : Stephen Wassell says:
>
> : " I've been trying, without much success to get some sort of picture from
> : " the strong signal at 137.925Mhz. I guess that it's a weather satellite,
> : " as that's what is sounds like, but I can't get any sort of picture.
>
> : " I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface
> : " definately works, but when it's all connected up I just get at best a
> : " black screen with occasional white dots.
>
> : " What's going wrong here?
>
>
> The most common freq's to find the WEFAX stuff on is 8080 Khz or 9090
> Khz. There are several others, but those are the main ones. (not to
> mention the only ones that come to mind) :)
>
> Consider getting it, it's the best wefax decoder I've used yet.
>
> Rob
>
>
>
hi stephen
I noticed you are using jvfax5.1 the latest version is 7.0 and I can e-mail it to
you if you want it.
Like you I tried to get some sort of picture from a yupi 7100 and a persival
interface, without any success. I think it has something to do with the scanners
bandwidth being to narrow but don't quote me on that.
If you have any success drop a line in the news group. Have you tried taping the signal
so you can try different settings?
dave

| dave blakey EMail dave@blakey.demon.co.uk
| Mail sent via Demon Internet |

3854. INDY CAR FREQ'S NEEDED

Newsgroup: rec.radio.scanner
Date: 1995-03-23 20:23:19 UTC
From: joe.chan@ix.netcom.com
Message-ID: <3kslbn$csv@ixnews1.ix.netcom.com>
Source record: 259715

Does anyone have the most recent freq's list. I am going to the Long Beach Grand Prix and I would really appreciate it.

Ok to either Post or E-Mail

Thanks for the help.

Joe

3855. RE: BLIMP FREQ?

Newsgroup: rec.radio.scanner
Date: 1995-03-23 21:45:00 UTC
From: Bob.Kozlarek@f593.n107.z1.fidonet.org
Message-ID: <51d_9503251608@nisc.fidonet.org>
Source record: 259650

Bob is replying to DBECKER@TIGER.LSU.EDU who replied to ALL on 10 Mar 95 02
D> Hey, now I'm very interested in getting the Blimps freq. especially
D> Goodyear's. It might be good in the FAF to have.
GOODYEAR uses 151.625 & 151.685 to communicate with their chase bus.

BOB KOZLAREK

* Evaluation copy of Silver Xpress. Day # 284
* Silver Xpress V4.01

3856. Pro39 crafty tricks

Newsgroup: rec.radio.scanner
Date: 1995-03-23 21:47:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <ac2_9503241130@chigate.fidonet.org>
Source record: 259651

-=> Quoting Dpfg@ukc.ac.uk to All <=-

Dp> Are there any tricks on the Pro39 to allow 12.5kHz channel spacing
Dp> in 68-88 or 137-174, or perhaps more importantly to permit AM
Dp> reception in these areas?

Dp> Easy things like test modes obtained by pressing buttons are what I
Dp> am after.

Dp> Are there any test modes at all??

There are no test modes for the Pro-39.

Jerry

___ Blue Wave/QWK v2.12

3857. WishList!

Newsgroup: rec.radio.scanner
Date: 1995-03-23 22:37:35 UTC
From: professr@netaxs.com
Message-ID: <3kst7f$l8j@netaxs.com>
Source record: 259721

I'm am going to buy a ham transciever. I have $600-$800 bucks to spend.
I recently purchased a RS PRO-51 Scanner and am dissappointed with it's
performance. My question is :

If you had to pick any radio in this price range (for free), which one
would you get? Please e-mail me so I don't screw up this time. Thanks.

--
=+

I am The Professor, I run The Proessor's Notebook BBS - (215)483-5144
Check out my web page --> http://www.netaxs.com/people/professr

=+=+=+=+=+=+=+=+=+=+tous les opinions sont les miennes=+=+=+=+=+=+=+=+=+=+=+=+

3858. Re: Yes, there >ARE< NATIONAL FREQ'S

Newsgroup: rec.radio.scanner
Date: 1995-03-23 23:14:39 UTC
From: MVTB96A@prodigy.com
Message-ID: <3ksvcv$1fm6@usenetp1.news.prodigy.com>
Source record: 259722

The National Law Enforcement frequency is 155.475. This may/may not
be used in your area. In some states it's very active. In others there
is
very little traffic. Also in the 800 mHz band there are five channels
designated for communicatons between agencies.

3859. Re: Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1995-03-23 23:52:34 UTC
From: radiohag@ix.netcom.com
Message-ID: <3kt1k2$7k5@ixnews3.ix.netcom.com>
Source record: 259626

In <1995Mar21.112519.18168@driftwood.cray.com>
jbadger@poplar110.cray.com (Jon Badger) writes:

>
>
>Anyone have experience using freq-counters to ID frequencies? I'd like
to utilize
>a freq-counter to id freqs when going to events where HT's are in use.
>
>I've tried the Rat-shack counter but it's not of much use for this.
Apparently it's
>not sensitive enough. It won't lock on a 3 watt cell phone until you're
within 10 or
>20 feet and it won't lock on to my portable phone more than three
inches away!
>Maybe that should be expected at such low power though.
>
>Am I asking too much of a freq-counter? I've read the review (in MT I
think) on
>the Scout but geez!, it's $450! It ought to work! Anyone ever used the
Startek
>counters? If so, how well do they work? And what does the Auto trigger
and Hold
>feature do?
>
>Thanks in Advance.
>
>--
> _/_/_/_/_/ _/_/_/ _/ _/ Jon Badger - jbadger@sdiv.cray.com
> _/ _/ _/ _/_/ _/ CRAY Research, Inc.
> _/ _/ _/ _/ _/ _/_/ 655F Lone Oak Drive
> _/_/ _/_/_/ _/ _/ Eagan, MN 55121 (612)-683-5063
>..-. ..- - ..- .-. . ...-- .--. -- - . -.-. ....
>

I have had experience only with a ratshack, and I am not an expert on
this, but I think it is low sensitivity for a reason. Since it picks
up most of the spectrum including AM and FM and TV broadcast stations
and with the thousands of other transmitters in any city if it were
hi-senitivity how would it decide what frq to read out for you? They
are low sens for that good reason, I believe.
RH

3860. Scanner-$75!

Newsgroup: rec.radio.scanner
Date: 1995-03-23 23:58:03 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <3kt1uc$70h@usenet.INS.CWRU.Edu>
Source record: 259627

```
Hello.
I have a Realistic Pro-57 base/mobile scanner for sale.
Covers 30-512, direct entry, full frequency display, backlit, lik
e new.
Get into scanning excitement today!
Just $75+shipping firm.
Thanks.
--
Eric Matthews
eb795@cleveland.freenet.edu
"Huked on Fonics Wurked Fir Mee!"
```

3861. Austin, TX freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 00:11:24 UTC
From: escape@daisy.cc.utexas.edu
Message-ID: <3kt2nc$qak@daisy.cc.utexas.edu>
Source record: 259628

Anyone in the Austin, TX area have a list of freqs the wouldn't mind forwarding? I seem to remember a list circulating on local BBSs not too long ago, unfortunately I haven't kept up with them.

thanks,
mike

--
|-- | http://www.paranoia.com/~escape/
|- scape@ccwf.cc.utexas.edu |----------
|-- | You see things as they are and ask, "Why?"
------------------------------| I dream things that aren't and ask, "Why not?"

3862. Re: mobile scanner permits

Newsgroup: rec.radio.scanner
Date: 1995-03-24 00:27:51 UTC
From: robertso@bev.net
Message-ID: <3kt3m7$dp7@solaris.cc.vt.edu>
Source record: 259629

In article <3kqnsl$f19@roch0.eznet.net>, D Stark <dstark@eznet.net> says:
>
>Several states and localities have clauses in their mobile scanning
>laws that refer to obtaining a permit from some authority.
>
>How likely is it that Joe Citizen can actually obtain one of
>these permits?
>
In Indiana (where mobile scanners are unlawfulL)
A friend of mine had one issued by the Cheif of police.
He obtained his by just asking.
(he used to be on the village council though)

It might be like conceald weapons permit you must demonstrate a need.

A lack of permit did not stop me from mobile scanning. I never heard
of it being enforced. I don't beleive the most police or citizens knew the law
existed.

3863. Re: What's the freq, Kenneth?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 00:39:24 UTC
From: rstreno@dayton.csc.com
Message-ID: <3kt4bs$49a@explorer.csc.com>
Source record: 259630

In article <3kj5an$9to@newsbf02.news.aol.com>, scan911@aol.com (SCAN911) says:
>
>From my harddrive, which is overloaded with this kind of trivia....
>
>Subject: "Kenneth" Dan Rather Mystery Solved?
>From: athena@tyrell.net (athena)
>Date: Wed, 9 Nov 1994 17:57:35 GMT
>Message-ID: <Cz0Hw0.B44@tyrell.net>
>
> In the Nov. 7 issue of New York magazine, a guy who thinks he may be the
>real "Kenneth" comes forward to offer a possible solution to the 1986 Dan
>Rather "Hey Kenneth, What's the Frequency" mystery.
>

Or, for an alternate view, check out the book "Lady Slings the Booze" by
Spider Robinson.

3864. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-24 00:52:00 UTC
From: Scott.Marks%166@satlink.oau.org
Message-ID: <7e5_9503240318@satlink.oau.org>
Source record: 259656

They cannot tell, and they don't want you to use cell phones because
you can use them free because the cell sites skip so often you cannot get
billed.

... I have a really good memory, except it's short.
--
|Fidonet: Scott Marks 1:363/166
|Internet: Scott.Marks%166@satlink.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

3865. Re: GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-24 00:52:01 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950323164410.18775A-100000@holmes.ece.orst.edu>
Source record: 259631

On 23 Mar 1995, Ron Miller wrote:

> GPS is somewhat off-topic of rec.radio.scanner but I wouldn't be surprised
> if MDTs and dispatchers start getting some kind of GPS interface to units.
> Imagine how search-and-rescue would change if a person just whipped out
> the old cellphone, pressed 911G and the phone/GPS unit sent the location
> of the emergency!

It's already available. Portland (Or.) has a GPS tacking system in just
about all of it's Poilce and Fire vehicles. The bus system is supposed to
get them in a year or two. Theres a problem with it, though. It seems the
poilce union doesn't like the GPS system. They feel that it will be used
to track the officers and monitor their work. So, for now, it's shut off.
I wish they would have thought about this before they spent $12 million
on it. I was wondering if you could figure out a way to tap into the
system and figure out where all of the police are by reciveing the
transmissions. If I can do it, I'm sure some criminal can.

3866. Orlando,Fl

Newsgroup: rec.radio.scanner
Date: 1995-03-24 01:06:48 UTC
From: Jeff L <jeffl@evansville.net>
Message-ID: <Pine.SOL.3.91.950323190522.6047B-100000@world.evansville.net>
Source record: 259633

Has Orlando and or Orange County Florida Police dept moved completely to 800MHz?

Thanks Jeff Hoping for warm dry weather down their...

jeffl@evansville.net

3867. Re: Where are the FAQ's

Newsgroup: rec.radio.scanner
Date: 1995-03-24 01:06:48 UTC
From: jeffrey@math.hawaii.edu
Message-ID: <D5x73C.EB0@news.hawaii.edu>
Source record: 259634

paul_haring@jhuapl.edu (Paul S. Haring) writes:

>Herrob <Bill.Herron@DaytonOH.attgis.com> writes:

>>Looking for the FAQ's thanks in advance....

>The same place that all FAQs are kept:
>
>ftp rtfm.mit.edu:/pub/usenet_by_group/rec.radio.scanner/...
>
>Dig around in there and you'll find 'em, along with a large list of mods for
>most scanners.

Or, send an email to info@arrl.org and only write: index. Once the index
arrives (via email of course) look for the FAQ files and order them
via the above address. Check out the other hundreds of files, too!

Jeffrey
NH6IL

3868. Re: Pro39 and outdoor aerial

Newsgroup: rec.radio.scanner
Date: 1995-03-24 01:16:41 UTC
From: kc7gnm@primenet.com
Message-ID: <kc7gnm.5.001A2A46@primenet.com>
Source record: 259636

In article <6975@rook.ukc.ac.uk> dpfg@ukc.ac.uk (Duncan) writes:
>From: dpfg@ukc.ac.uk (Duncan)
>Subject: Pro39 and outdoor aerial
>Date: Thu, 23 Mar 95 09:42:07 GMT

>What is the likely effect of wiring a Pro39 up to a large outdoor
>discone or similar?

>Various books suggest that this could cause intermod/overloading
>problems due to poor front-end filtering on handhelds.

>This is in the context of a fairly rural area, but with a medium-sized
>town a few miles away.

Nothing is wrong with it. I use the Radio Shack discone with the pro-39 with no problems at all. If you lived in a city with all kinds of intermod then you would probably overload the front end.

Greg

3869. Re: mobile scanner permits

Newsgroup: rec.radio.scanner
Date: 1995-03-24 01:25:09 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3kt71l$khm@hptemp1.cc.umr.edu>
Source record: 259637

D Stark (dstark@eznet.net) typed:
: Several states and localities have clauses in their mobile scanning
: laws that refer to obtaining a permit from some authority.

: How likely is it that Joe Citizen can actually obtain one of
: these permits?

Well, I'm in the volunteer fire dept. back home,(Yates County, Finger Lakes region of NY) and one of my friends in a nearby dept. applied for and recieved a scanner permit. I don't know if it was for a mobile (i.e. installed in the dashboard) or for a handheld, but he did get a scanner permit. I guess that the only way to find out how to get one is to go and ask at the local police dept. or the sheriff's office. Only don't use it to go watch them pull someone over, or to find out where they are when you plan to break traffic laws, they don't like it...

--
Ben Lerman
lerman@umr.edu

3870. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 01:29:50 UTC
From: Chris Mayer <cmayer@hooked.net>
Message-ID: <Pine.BSI.3.91.950323172839.22372G-100000@also.hooked.net>
Source record: 259638

On Thu, 23 Mar 1995, Eugene Kang wrote:

> The local police use digital Motorola Saber Systems transceivers. All I get
> is static, with the occasional end-of-tx bleep. Any easy way to convert
> this back to analog?

Chances are that your listening to DEC encoding. If it is, you can
forget intercepting it, unless your really good at breaking codes!
Motorola Sabers (that scramble) have some very advanced features that
make it nearly impossible to decode any of the conversation.

-Chris.

3871. Re: Whatever happened to that Shuttle repeater list?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 01:36:51 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3kt7nj$khm@hptemp1.cc.umr.edu>
Source record: 259639

Todd Sorrell (sorrell@encmail.encompass.com) typed:
: About a week or so ago I read a post from someone that said they had a full
: list of shuttle repeater freqs for the entire nation. I have since seen a
: couple of posts asking where it was. Are we being teased. I sure would hate
: to be known as a scanner tease. That list would sure be nice to have. I
: would at least like to know the shuttle repeater freq for the Raleigh, NC
: area. Thanks in advance.

: Todd G. Sorrell
: Production DBA
: Encompass
: (919) 460-3264

If you have access to the web, try http://www.okc.com/freq-out
this place has a file containing all the shuttle freqs, from control to
the ham repeaters... I think it's in either the aviation file or just
look around, you'll find it.

Hope this helped,

--
Ben Lerman
lerman@umr.edu

3872. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 02:21:00 UTC
From: hirschj@vax2.concordia.ca
Message-ID: <23MAR199521215389@vax2.concordia.ca>
Source record: 259640

In article <3kp79s$310@pioneer.uspto.gov>, smeier@uspto.gov (Stephen Meier) writes...
>Anyone had any experience with the latest rechargeable alkaline craze? I
>invested a small fortune in the "Millenium" Ni-Cad's which are better than
>standard Ni-Cad's but are rechargeable alkalines worth the investment?
>
>Also, can you just use normal alkalines? Isn't the technology based upon
>the charger circuitry and not the battery?
>
>Any suggestions of a particular brand name that you have had good experience
>with?
>
>Stephen Meier

A couple of months ago I bought a little recharger gaget called
the Little Buddy Alkaline Charger. It supposedly could recharge
ordinary alkalines. Since Toys R Us was dumping these things at
$3 each, I took one on a lark but didn't believe it would work.
Boy was I wrong...the little buddy really works. I also have
the renewal rechargeable alkalines with their charging system
so I could compare results between the two chargers...they are
very comparable. I get about 30-40 recharges with the renewal
alkalines and about 25-30 recharges with the ordinary alkalines,
but at much lower cost. Needless to say I no longer use the
renewal alkalines.

--jack

3873. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 03:21:04 UTC
From: jmmorrison@aol.com
Message-ID: <3ktdr0$h28@newsbf02.news.aol.com>
Source record: 259641

It sounds very much like you're describing Digital Voice Protection (DVP).
There is no known easy way to decode these transmissions due to the
millions (if not more) of possible encryption keys.

John M Morrison, Detroit, MI

3874. Re: Shadow Traffic NYC Area

Newsgroup: rec.radio.scanner
Date: 1995-03-24 03:43:27 UTC
From: n2ayj@n2ayj.overleaf.com
Message-ID: <796016607.166snx@n2ayj.overleaf.com>
Source record: 259642

In article <3kj7mj$c1e@beyond.escape.com> marc_k@escape.com writes:
>
>Good Luck!
>They started enquipting everything a few months ago!
^^^^^^^^^^
I guess that's what all the little jokes are I hear on my scanner :-)
The signals I hear in central NJ are most certainly NOT encrypted.

--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com
"This whole dot-dash concept sounds interesting, Mr. Vail. Why don't you let
me look over your notes on the train to the Patent Office?" - S.F.B. Morse?

3875. Re: Military Aviation

Newsgroup: rec.radio.scanner
Date: 1995-03-24 03:54:56 UTC
From: kjk11@lennon.csufresno.edu
Message-ID: <D5xEvK.BMv@zimmer.CSUFresno.EDU>
Source record: 259643

In article <iUSSliubGo7M079yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>In article <D5wL78.8q@freenet.carleton.ca>,
>ad607@FreeNet.Carleton.CA (Darrell A. Larose) wrote:
>> >
>> >
>> > I think this comment was aimed at the issue of national security more than
>> > anything. I do not think it would be proper to post real-time movements of
>> > the military on the internet. Even with limited distribution, other countries
>> > can just use dialup access to get messages with USA distribution.
>> >
>
>Sometimes the contrary, during the pending Haitian invasion when Carter was
>trying his last ditch attempt at a peaceful resolution, the HF and UHF freqs
>were buzzing with tactical comms in the CLEAR, this showed the Haitian
>military the U.S. was serious and about to dump hell on them if they
>didn't go along.
>
>>
>>
>> Darrell Larose
>> ad607@freenet.carleton.ca |
>> |
>> \ / \ / ____ \ / \ /
>> --==========O=========O========/ 0000 \========O=========O==========--
>> / - \ / - \ | o0 0o | / - \ / - \
>> /_ -- _/\
>> 0 00 0
>> --
>>
>
>
>I like that sig....
>
>
>Andy
>
>
The sig is cool! That tactic was also used in the gulf with great
success. I remeber a F-15E crew that was on a scud patrol when they got
lit up by AA radar. Instead of using thier proper call sign, which for
strike a/c was automobile names, they used the call signs of the wild
weasels, beer names. The radar was turned off rather quick.

Ken Koller
Photgrpaher/Reporter
The Daily Collegian
California State University, Fresno

kjk11@lennon.pub.csufresno.edu
kjk00@mondrian.csufresno.edu

```
[][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][
| | | | | | | | | | |
| | | | | | | | | | |
[][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][
```
"Photographers expose themselves in the dark."

--

Ken Koller

3876. Orlando and Tallahasee areas

Newsgroup: rec.radio.scanner
Date: 1995-03-24 04:22:27 UTC
From: ghopper@eskimo.com
Message-ID: <D5xG5G.C9K@eskimo.com>
Source record: 259644

[No readable article body recovered]

3877. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-24 04:36:24 UTC
From: dbridger@inlink.com
Message-ID: <dbridger-2303952336240001@slip07.inlink.com>
Source record: 259645
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

In article <42912072wnr@blakey.demon.co.uk>, dave@blakey.demon.co.uk wrote:

> > : Stephen Wassell says:
> >
> > : " I've been trying, without much success to get some sort of picture from
> > : " the strong signal at 137.925Mhz. I guess that it's a weather satellite,
> > : " as that's what is sounds like, but I can't get any sort of picture.
> >
> > : " I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface
> > : " definately works, but when it's all connected up I just get at best a
> > : " black screen with occasional white dots.
> >
> > : " What's going wrong here?
> >
> hi stephen
> I noticed you are using jvfax5.1 the latest version is 7.0 and I
can e-mail it to
> you if you want it.
> Like you I tried to get some sort of picture from a yupi 7100
and a persival
> interface, without any success. I think it has something to do with the
scanners
> bandwidth being to narrow but don't quote me on that.
> If you have any success drop a line in the news group. Have you
tried taping the signal
> so you can try different settings?
> dave
>

Bingo! You are right about the receive IF bandwidth being the problem. Satellite weather pictures need about a 400 KHz bandwidth. Too wide for normal audio NFM and too narrow for TV and broadcast WFM. Also don't confuse the Weather Fax signals broadcast on HF with the satellite signals. They are not the same.

For more infomation get the book on Weather Satelite reception by Ralph Taggart published by the ARRL and available mail order and at almost any well stocked radio store.

The bottom line is that you need a special or modified receiver for the satellites.

--Dave (KB0MYY)

3878. Re: WishList!

Newsgroup: rec.radio.scanner
Date: 1995-03-24 04:48:36 UTC
From: rotnapple@aol.com
Message-ID: <3ktiv4$iti@newsbf02.news.aol.com>
Source record: 259646

>I'm am going to buy a ham transciever. I have $600-$800 bucks to spend.

>I recently purchased a RS PRO-51 Scanner and am dissappointed with it's
>performance. My question is :

>If you had to pick any radio in this price range (for free), which one
>would you get? Please e-mail me so I don't screw up this time. Thanks.

Need you ask? Just review this group for a month, the AR8000.

Greg
RotnApple
RotnApple

3879. Altoona Freq.

Newsgroup: rec.radio.scanner
Date: 1995-03-24 04:54:19 UTC
From: scan911@aol.com
Message-ID: <3ktj9r$j1e@newsbf02.news.aol.com>
Source record: 259647

The last time I was at Horseshoe Curve, the routine Conrail freqs were used, as I recall, but I don't have them handy right now. I think the railroad museum at the bottom of the hill uses a 453 MHz freq, too, if memory serves me right.


```
|
|
' --|--
/|\
' ___|_________________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |
```

Come visit in phl.scanner for the latest scanner news in the GREATER PHILADELPHIA area!

3880. Re: How to find freqs on Motorola handhelds?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 05:09:06 UTC
From: rotnapple@aol.com
Message-ID: <3ktk5i$jb3@newsbf02.news.aol.com>
Source record: 259648

IG>Where I work, they use some Motorola handhelds to communicate.
IG>Our security, MIS, and sometimes janitors (!) use these radios. What
IG>range should I search to try and find these? I only have a little
info.
IG>on the radios. They are Motorolas. They have the letters 'MTX'
printed
IG>on them. At the top there is a rotary dial, as well as an A-B-C
toggle.
IG>Does the A-B-C toggle indicate each radio can communicate on one of
three
IG>channels? (Someone once told me there are 11 frequencies allocated to
our
IG>company...maybe MIS for a few, security for a few, etc.)
IG>Is there a common set of ranges for these types of radios? Or are they
IG>programmable, so it's wide open.....?
IG>Thanks.

The Motorola MTX come in serveral different models MTX2000, MTX8000, MTX9000, MTX900, MTX800.

Thes radios can be Conventional and/or Trunked. The MTX8000 & MTX800 are 800 band, the MTX9000, MTX900 are 900mhz band. The MTX2000 can be almost any band, VHF hi, lo, UHF, 800, 900

The new MTX2000,8000,9000 are completely programmable. Dam near every knob except on/off/vol can be programmed for a different function! I was one of the first users on the west coast to have the MTX9000's and programmed 45 of them for my company, what a task.

One way of knowing the band is to look at the antenna. I think I should write an article on Antenna Intelligence for Scanner listeners.

Will post some basic info on that subject shortly.

Greg, RotnApple
RotnApple

3881. Touch Tones Decoded with pager

Newsgroup: rec.radio.scanner
Date: 1995-03-24 05:20:55 UTC
From: creal@cs.buffalo.edu
Message-ID: <3ktkrn$bf5@azure.acsu.buffalo.edu>
Source record: 259649
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I saw this idea on alt.2600 and figured I would give it a try. It worked and worked well. Can't remember who posted the idea, but I am passing it along as many people seem to be asking about decoding touch tones.

How to use your pager as a touch tone decoder:

1 - Tape the touch tones
2 - Dial your pager
3 - When pager service answers, play recorded tt's in telephone mike
4 - You are paged with the number

Sorry if this has been mentioned before. I have been following these groups for ~6 months and haven't seen it. Anyway, hope this helps.

Cheers,

Rich Creal

3882. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-24 06:00:47 UTC
From: viktors@fc.net
Message-ID: <3ktn6f$a39@villa.fc.net>
Source record: 259652

In <3kqgf1$pho@newsbf02.news.aol.com>, attgeorgew@aol.com (ATTGeorgeW) writes:
>to jam or fool police radar but that is not true. There are other
>techniques to jam police radar but that's a story for another post.

I bet you might be able to "jam" their signal without transmitting any
microwave signal. Instead, mount an audio style speaker on the front
of the car, unshielded by grillwork.... The speaker cone should be a
foil covered corner reflector shape. Then vibrate the speaker with
a good high power audio amplifier at ~70Hz * desired Mph. When the
police radar hits this, the usual doppler shifted signal will get reflected,
but it will be modulated with the above audio frequency which may
be enough to fool the radar circuitry into thinking it sees two reflections
and hopefully shows the speed of the slower one. After all, some of
these radars are 'calibrated' by a method similar to this. They put an
audio tuning fork vibrating at a particular frequency in front of the radar
which should show a particular speed. Might be worth some
experimentation anyway...

3883. Re: Police status codes

Newsgroup: rec.radio.scanner
Date: 1995-03-24 06:08:10 UTC
From: sgyee@primenet.com
Message-ID: <3ktnka$1sp@news.primenet.com>
Source record: 259653
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <Pine.BSI.3.91.950315204507.4878A-100000@kristina.az.com>, Michael Conner
<mconner@kristina.az.com> says:
>
>
>I checked in the FAQ and found nothing. Does anyone have a reference for
>police codes used on scanners?
>

Well, the police codes tend to differ with each municipality. What area are
you looking for, and one of us can help out here....

Steve Yee/MCSO

---

sgyee@primenet.com	Become a member of the largest
71431.2137@compuserve.com	street gang in America.....
Amateur Radio Callsign: KC7ALZ	- THE COPS !! -

| Final Thought of the Day: If ignorance is bliss, why are so many |
| people unhappy ? |

3884. Re: ...police/fire radio jargon codes

Newsgroup: rec.radio.scanner
Date: 1995-03-24 06:12:36 UTC
From: sgyee@primenet.com
Message-ID: <3ktnsk$1sp@news.primenet.com>
Source record: 259654

In article <1995Mar15.200811.1165@den.mmc.com>, Bruce Coensgen
<bruce.j.coensgen@den.mmc.com> says:

>And thus the reason that these "codes" are formally known as aural
>brevity codes.
>

Yeah, however the problem that we have here in Arizona is that
departments tend to change their 10-codes and type codes
to the point that when recruits get out of the academy, they
end up having to learn all that stuff over again, even though
they get drilled on a totally different set.

Great example: I teach in the reserve academy for the local
sheriff's office. A shooting victim for us is coded as a 901S.
The largest municipality in our county (Phoenix, AZ) classifies
a 901S as a stabbing victim, or as a 901C (cutting). A victim
with a gunshot wound in Phoenix is classified as a 901G.

Enjoy !

Steve Yee
Maricopa County Sheriff's Office

```
-------------------------------------------------------------------------
| sgyee@primenet.com | Become a member of the largest |
| 71431.2137@compuserve.com | street gang in America..... |
| Amateur Radio Callsign: KC7ALZ | - THE COPS !! - |
-------------------------------------------------------------------------
| Final Thought of the Day: If ignorance is bliss, why are so many |
| people unhappy ? |
-------------------------------------------------------------------------
```

3885. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-24 07:47:05 UTC
From: gordy@gbscomms.win-uk.net
Message-ID: <263@gbscomms.win-uk.net>
Source record: 259655
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

In article <42912072wnr@blakey.demon.co.uk>, dave blakey (dave@blakey.demon.co.uk) writes:

> Like you I tried to get some sort of picture from a yupi 7100 and a persival
>interface, without any success. I think it has something to do with the scanners
>bandwidth being to narrow but don't quote me on that.

I've not had much experience in this, but I remember that wx sat signals are of a
wider b/w than usual Narrow FM filters, and narrower than Wide FM filters :-(
It should be possible to fit a more appropriate filter IF:

1: you know what you're doing
2: the IF (intermediate freq) is a common one ie 10.7 MHz
3: there is space inside the scanner
4: you don't mind cocking it up.

> If you have any success drop a line in the news group. Have you tried taping the signal
>so you can try different settings?

good idea. BTW if anyone has a hi-fi or stereo VCR, then using that can give better
results than a domestic tape recorder, and you can get a lot more on it. Even a
humble mono VCR can be used as a 3 hr audio tape recorder.

--
SIGint, geddit?

3886. Re: Amateur Raynets

Newsgroup: rec.radio.scanner
Date: 1995-03-24 11:01:10 UTC
From: simon@terri.enet.dec.com
Message-ID: <1995Mar24.110110.4792@janix.mfr.dec.com>
Source record: 259657

There are NO channels allocated to Raynet only use. There are several channels that are marked as RAYNET channels as what could be seen as a good will avoidance. When we are working we obviously need to go somewhere. Having some sort of allocation means that we can work without getting your hair. We appriciate the free use of these channels when we do work, but always have a secondary channel if our primary one is already being used. I know of one or two Raynet groups that think is is a god given right to use those channels marked for raynet use exclusivly, it is not. The UK scanner directory is wrong when it says that all the Snn channels on 2m are Raynet. I don't have a list to hand but if you check out the RSGB callbook (see a friendly amateur) you'll notice that there are only a few 'Raynet channels'. 144.775 is one that comes to mind.

Simon G6ZTZ
Reading and West Berks Raynet

3887. Re: What scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 13:12:49 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.180.000D3719@ccm.hf.intel.com>
Source record: 259477

In article <AD92MH.95Mar24155539@pteranodon.pt.hk-r.se> ad92mh@pteranodon.pt.hk-r.se (Martin Hylerstedt) writes:

>Firstly, do the groups alt.radio.scanner and rec.radio.scanner
>have a FAQ?

Yes, Bob Parnass posts them periodically or you can FTP them from:
rtfm.mit.edu /pub/usenet/news.answers/ham-radio

>I'd like to get a scanner in the 50kHz-30MHz range.
>Sure, there are many, but are there any in the $100-$150
>price range? Can a list of specifications for different
>scanners be found anywhere on Internet?

Radios that cover this range are not usually called "scanners" they are shortwave radios. Scanners usually do not go below 25 or 30 MHz. There are a few WIDE BAND scanners that cover 100KHz to 2000MHz, but not in your price range. There are a few shortwave radios in your price range, but you have to know what you are buying first since many of them are junk. I'm sure if you do not get any suggestions here, the folks over on rec.radio.shortwave could help you out.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3888. Comments requested on 500E

Newsgroup: rec.radio.scanner
Date: 1995-03-24 13:19:50 UTC
From: cforrest@netaccess.on.ca
Message-ID: <3kugtm$gem@alpha.netaccess.on.ca>
Source record: 259659

Does anyone out there use a Seeker 500E by Systems and Software International Ltd.? I'd be very interested in comments on this radio.

thanks

--chris

3889. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 13:28:54 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.181.000D7BB6@ccm.hf.intel.com>
Source record: 259478

In article <23MAR199521215389@vax2.concordia.ca> hirschj@vax2.concordia.ca (JACK HIRSCHBERG) writes:

>A couple of months ago I bought a little recharger gaget called
>the Little Buddy Alkaline Charger. It supposedly could recharge
>ordinary alkalines. Since Toys R Us was dumping these things at
>$3 each, I took one on a lark but didn't believe it would work.
>Boy was I wrong...the little buddy really works. I also have
>the renewal rechargeable alkalines with their charging system
>so I could compare results between the two chargers...they are
>very comparable. I get about 30-40 recharges with the renewal
>alkalines and about 25-30 recharges with the ordinary alkalines,
>but at much lower cost. Needless to say I no longer use the
>renewal alkalines.

You are the first person I have seen that has reported that this decive actually works. A few years ago I purchased one and did a controlled test against a set of batteries that were left to recover on their own. The Buddy-L charger showed that it could not do anything the batteries wouldn't do by themselves. The Buddy-L charger says you must not let the batteries drain all the way before recharging them. If you do this with a set of batteries and just set them on a shelf for the same period of time the other set is in the charger, you will find that the two sets of batteries will provide the same useful life. I posted the results of my test to the Internet a while back, which was in turn published in a few newsletters. No one ever said their results were any different from what I had found.

Allowing batteries to sit and recover allows you to get more juice out of them because they do not reach the device cutoff voltage as quickly.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3890. Re: Touch Tones Decoded with pager

Newsgroup: rec.radio.scanner
Date: 1995-03-24 13:33:28 UTC
From: jrhaas@primenet.com
Message-ID: <jrhaas-2403950535080001@ip194.pom.primenet.com>
Source record: 259660
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3ktkrn$bf5@azure.acsu.buffalo.edu>, creal@cs.buffalo.edu
(Richard L. Creal) wrote:

> I saw this idea on alt.2600 and figured I would give it a try. It worked
> and worked well. Can't remember who posted the idea, but I am passing it
> along as many people seem to be asking about decoding touch tones.
>
> How to use your pager as a touch tone decoder:
>
> 1 - Tape the touch tones
> 2 - Dial your pager
> 3 - When pager service answers, play recorded tt's in telephone mike
> 4 - You are paged with the number
>
> Sorry if this has been mentioned before. I have been following these groups
> for ~6 months and haven't seen it. Anyway, hope this helps.
>
> Cheers,
>
> Rich Creal

Thanks Rich,

Now if you could ust do that with G-Star, HAHA

JR

Every now and then you have to go for it!
Kick a*s and take names, Do ya know what I mean??
JR Haas 1995
Whaaaa Whooooooo

3891. Re: WishList!

Newsgroup: rec.radio.scanner
Date: 1995-03-24 13:49:32 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.182.000DD3C7@ccm.hf.intel.com>
Source record: 259479

In article <3kst7f$l8j@netaxs.com> professr@netaxs.com (The Professor) writes:

>I'm am going to buy a ham transciever. I have $600-$800 bucks to spend.
>I recently purchased a RS PRO-51 Scanner and am dissappointed with it's
>performance. My question is :

>If you had to pick any radio in this price range (for free), which one
>would you get? Please e-mail me so I don't screw up this time. Thanks.

I assume you are asking about tranceivers here. You did not specify base,
mobile, or handheld, so I'll assume handheld.
My favorites are:
Yeasu FT-51 dual band
Yeasu FT-530
Any dual bander from Icom

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3892. Central PA utility frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 14:13:29 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <95083.091329DCS4@psuvm.psu.edu>
Source record: 259661

I'm thinking of adding a bank to my scanner for utility companies. That might be handy at times, and I've never tried it. Could be interesting in heavy snow storms, thunderstorms, power outages of other varieties, etc.

I'm thinking power companies...Penelec, Unilec, and West Penn in my region...Maybe the phone company, Bell for me...Perhaps cable TV provides, TCI in my case...maybe even gas or water.

Anybody have any ideas, frequencies to try, experience listening to those sources? Would it be worth the effort? - Dave

PS -- Maybe I should add that I am specifically interested in frequencies in central PA from State College, Centre County, through DuBois in Clearfield County!

3893. Re: mobile scanner permits

Newsgroup: rec.radio.scanner
Date: 1995-03-24 14:21:50 UTC
From: domonkos@access.digex.net
Message-ID: <W-iSliubGIFT079yn@access.digex.net>
Source record: 259662

In article <3kt3m7$dp7@solaris.cc.vt.edu>,
robertso@bev.net (Bruce Robertson) wrote:
>
> A lack of permit did not stop me from mobile scanning. I never heard
> of it being enforced. I don't beleive the most police or citizens knew the law
> existed.

Just use a cellular mag mount antenna with adapter, scanner-incognito.

Andy

3894. What scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 14:55:39 UTC
From: ad92mh@pteranodon.pt.hk-r.se
Message-ID: <AD92MH.95Mar24155539@pteranodon.pt.hk-r.se>
Source record: 259663

Firstly, do the groups alt.radio.scanner and rec.radio.scanner
have a FAQ?

I'd like to get a scanner in the 50kHz-30MHz range.
Sure, there are many, but are there any in the $100-$150
price range? Can a list of specifications for different
scanners be found anywhere on Internet?
--
Martin Hylerstedt *My opinions are my own. Batteries not included.
GCS d -p+ c++ l m- s+/- g- w+ t+ r x+ (TM) (C) (R) (GIF of me available!)

3895. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 15:10:05 UTC
From: horak@convex.com
Message-ID: <3kuncd$qc2@eugene.convex.com>
Source record: 259664

In <23MAR199521215389@vax2.concordia.ca> hirschj@vax2.concordia.ca (JACK HIRSCHBERG) writes:

>A couple of months ago I bought a little recharger gaget called
>the Little Buddy Alkaline Charger. It supposedly could recharge
>ordinary alkalines. Since Toys R Us was dumping these things at
>$3 each, I took one on a lark but didn't believe it would work.
>Boy was I wrong...the little buddy really works. I also have
>the renewal rechargeable alkalines with their charging system
>so I could compare results between the two chargers...they are
>very comparable. I get about 30-40 recharges with the renewal
>alkalines and about 25-30 recharges with the ordinary alkalines,
>but at much lower cost. Needless to say I no longer use the
>renewal alkalines.

Wow, 25-30 Alkaline recharges in the "couple of months" you've owned it. Kinda makes me wonder.

==============================(An average SIG)==================================
| |
| horak@convex.com - ~ (An average address) |
| N5OFQ o O (An average call) |
| David Horak '' (Not an average Dave) |
| Plano, Texas /======\ (Not an average plain-O town :-) |
| |
==============================(An average SIG)==================================

3896. Key Research info?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 15:13:29 UTC
From: aa024@detroit.freenet.org
Message-ID: <3kunip$4f5@detroit.freenet.org>
Source record: 259665
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Sorry if this is a FAQ, but ....
Does anyone know the current address (and whether or not
they're still around!) for Key Research -- the outfit that
produced a mod for the 2004-5-6 scanners to allow for
automated search and store functions? A buddy is interested
so any info you have on this is appreciated.

Please e-mail responses and I'll summarize for the group.

73 //kvz
--
kv zichi, aa024@detroit.freenet.org
(PGP Public Key Available on Request)
"Lasciate ogni speranza, voi ch'entrante" --Dante
Kind of appropriate for the Internet, eh?

3897. Re: Novice needs info

Newsgroup: rec.radio.scanner
Date: 1995-03-24 17:25:09 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.183.00116BDA@ccm.hf.intel.com>
Source record: 259491

In article <D89MARHO.95Mar23142844@kol7.und.ida.liu.se> d89marho@und.ida.liu.se (Martin V. Howard) writes:

>I'm thinking about purchasing a scanner. I'm chiefly interested in
>WeFAX, RTTY, CW and such stuff, but if I can get a (portable) unit
>which will take in shortwave broadcasting (1.6 MHz - 30 MHz) and
>broadcast FM (87.5 MHz - 108 MHz) I'd be happy. Obvisouly I don't
>expect stereo FM.

Check out the Yupiteru MVT7100. It is a handheld scanner that does a very good job on shortwave. Price is around $580 or so last I heard.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

3898. Re: 154.xxx MHz - who uses it?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 17:47:50 UTC
From: njh@smsltd.demon.co.uk
Message-ID: <796067270snz@smsltd.demon.co.uk>
Source record: 259666
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.scanner

In article <3kbqih$ha3@holly.csv.warwick.ac.uk>
esuvy@csv.warwick.ac.uk "Peter Bishop" writes:

> Who uses 154.xxx MHz frequencies?

"Police Base Repeaters 12.5Khz".

--
Nigel Horne, Technical Director SoftCare Media Systems Ltd.
Internet: njh@smsltd.demon.co.uk; Fidonet: Nigel Horne @ 2:2502/21.10;
Packet: G0LOV@GB7SYP.#19.GBR.EDU; Phone: +44-1226-283021.

3899. Gov't Scanner Frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 17:48:28 UTC
From: newville@omnifest.uwm.edu
Message-ID: <3kv0lc$qm2@omnifest.uwm.edu>
Source record: 259667

Does anyone have a list of Gov't radio frequencies used by FBI,DEA,Ect? There was a list in here previously, but was deleated before I could get it. I would appreciate it if anyone could put this back on, or perhaps put up a new list.

050 on Ch CB 36 LSB in Pewaukee, WI

3900. Re: Re-Chargeable Alkalin

Newsgroup: rec.radio.scanner
Date: 1995-03-24 17:59:00 UTC
From: clark.neider@iotp.com
Message-ID: <8A61293.059E00040C.uuout@iotp.com>
Source record: 259668

-=> Quoting Stephen Meier to All <=-

SM> Anyone had any experience with the latest rechargeable alkaline craze?
SM> I invested a small fortune in the "Millenium" Ni-Cad's which are
SM> better than standard Ni-Cad's but are rechargeable alkalines worth the
SM> investment?
SM> Also, can you just use normal alkalines? Isn't the technology based
SM> upon the charger circuitry and not the battery?
^^

Stephen: I viewed an info-mercial to that effect once. It claimed that
their charger would recharge alkalines. I don't know. The same channel had
Dick Butkus hawking a hotdog and hamburger grill that was fueled by burning
newspapers. I would go with Milleniums as my current (and substantial)
stocks of standrd Ni-Cads are exhausted.

... ICOM R7100, the semiautomatic assault scanner!
___ Blue Wave/QWK v2.12

3901. Re: Startek ATH-15 w/acc.

Newsgroup: rec.radio.scanner
Date: 1995-03-24 17:59:00 UTC
From: clark.neider@iotp.com
Message-ID: <8A61293.059E00040D.uuout@iotp.com>
Source record: 259669

-=> Quoting Michael Eskin to All <=-

ME> Startek ATH-15 frequency counter w/one shot option, case, charger, and
ME> antenna $125.00 as new. Selling because I bought a Scout.
^^^^^^^^^^^^^^^^^^^^^^^^^

I don't want to buy your ATH-15, but I 'd sure like to hear from you
about your Frequency Scout Model 25.

... ICOM R7100, the semiautomatic assault scanner!
___ Blue Wave/QWK v2.12

3902. RE: PRO39 AND OUTDOOR AER

Newsgroup: rec.radio.scanner
Date: 1995-03-24 18:45:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A612C1.059E00040F.uuout@iotp.com>
Source record: 259670

On 23 Mar 95 09:42am, DUNCAN wrote to ALL:

D> What is the likely effect of wiring a Pro39 up to a large outdoor
D> discone or similar?

You should get much better reception.

D> Various books suggest that this could cause intermod/overloading
D> problems due to poor front-end filtering on handhelds.

D> This is in the context of a fairly rural area, but with a medium-sized
D> town a few miles away.

In this context, I doubt that you will have an overloading problem. I have a PRO-34 that I can hook up to a RS discone antenna here in Phoenix; no overloading. Intermod is a different story. In certain bands (~450 MHz), pagers make the '34 impossible to use.
The best way to find out, of course, is to try it for yourself.

Bill Funk
Internet: bill.funk@iotp.com

... A woman drove me to drink and I never even had the courtesy to thank
* Silver Xpress V4.00 SW12853

3903. RE: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-24 18:45:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A612C1.059E00040E.uuout@iotp.com>
Source record: 259671

On 23 Mar 95 07:22am, DAVID MICHAEL MOORE wrote to ALL:

>> Bill, The states cannot enforce more restrictive laws? Funny how gun laws
>> in areas of the country are more restrictive then federal law and have
>> been tested in court and upheld. Case in point Morton Grove Ill in which
>> it is illegal for a citizen of that city to own a gun. How about states
>> that had 7 to 14 day waiting periods before the national law was adopted?

If the Federal law is pre-emptive, then, no, the states cannot enforce more
restrictive laws. And, the FCC rules concerning the ability of HAMS to carry
HAM gear in vehicles are pre-emptive.

Bill Funk
Internet: bill.funk@iotp.com

... This Tag line is Stolen.
* Silver Xpress V4.00 SW12853

3904. Re: BC-XLT100 HELP, DOSEN'T WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-24 18:46:29 UTC
From: Jim Ramsey <jim.ramsey@daytonoh.attgis.com>
Message-ID: <D5yK5I.822@intruder.daytonoh.attgis.com>
Source record: 259672

>==========cgf0@Lehigh.EDU, 3/21/95==========
>
>I have a BC-100XLT handheld that I haven't used for about six months. It
>was
>sitting on the shelf with the battery pack connected the whole time. When
>I
>recently went to use it, the darn thing wouldn't work. I plugged it in to
>the
>ac adaptor and turned it on. It had held all the programmed frequencies
>and
>started scanning on all banks. That's about all it does. All the keypad
>functions are working with the exception of the "light". I can get no
>noise at
>all when rotating the squelch knob. When I hit the "weather button" it
>scans
>the 162 mhz range but does not stop on the local active frequency. The
>unit
>was fine when I last used it, it's never been dropped or abused. Any
>experts
>out there that can diagnose the problem from this description? I reset the
>memory using the keypad sequence, and reprogrammed it but it is still in
>the
>same state. Are there any other keypad codes that might be used to correct
>the
>problem, or does it sound like a repair job is needed? Any suggestions
>would
>be greatly appreciated.
>
>
>DISPATCHER CHARLES FOSBURG #4 - CAMPUS POLICE
>JOHNSON HALL, BLDG #36 - EXT. 8-4200
>

I have a Uniden Regency 4030 which I understand is the same as the
BC-200XLT. When I've left the unit sit for an extended period (battery
discharges) I've found that all of the channels will have the lockout
set back on. All I have to do is cycle through in Manual removing
the lockout for the channels I want to resume scanning.
-jim

Jim Ramsey (513)445-4672
WorldWide Data Mgmt SDC-2 VP 622-4672
AT&T GIS
1611 S Main St

Dayton OH 45479

3905. Re: PRO-2006 or PRO-2035

Newsgroup: rec.radio.scanner
Date: 1995-03-24 18:53:54 UTC
From: rjf8396940@aol.com
Message-ID: <3kv4g2$qt0@newsbf02.news.aol.com>
Source record: 259673

I'd go the extra 75$ for the 2006 combo. You will get full coverage without the cell lockout. I have the 2006 (also from Grove) and it is an excellent radio. Also what are you using for an antenna? If you're going to spend 600 odd dollars on a system and not get the best antenna, you're not spending the money wisely.
I'd consider a beam of some type, especially if you are not very high up. Otherwise you could get away with an allband vertical or Discone if it's HIGH enough!

Good Luck

Richard J. Florio
Internet - RJF8396940@aol.com
Generated 1:53:43 p on 3/24/95

"Time everlasting... time to play B-sides."
B`o'C

3906. Cellular Code Entry

Newsgroup: rec.radio.scanner
Date: 1995-03-24 18:58:11 UTC
From: sjp117@psu.edu
Message-ID: <sjp117.18.2F731643@psu.edu>
Source record: 259674

Can anyone help,

I have the MR8100 scanner, I have the software, I believe I remember the code "ECPA1986"? - I just can't remember when, where and how to enter the code in the software.

Any comments appreciated.

Steve P

3907. REQ:Repost www scanner page please

Newsgroup: rec.radio.scanner
Date: 1995-03-24 19:12:50 UTC
From: why?
Message-ID: <why?-2403951312500001@mario16.ppp.ncsu.edu>
Source record: 259475

Could somone please tell me what the URL is for the Home Page dealing with Scanner frequencies? Thanks in advance

CBA

3908. How do "center load" antenna's ork?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 20:35:10 UTC
From: deadfish@netcom.com
Message-ID: <deadfishD5yp6M.5rt@netcom.com>
Source record: 259476

I have a AOR 1000 scanner, and I have a Radio Shack telescoping "center load" antenna given to me which I want to use. Would someone please advise me how to adjust the antenna for optimal listening to the differenct frequencies? Thanks in advance.

--
' * . . ' + ` .) * ' bruce hallman
. + . , * ' . ' . ` . * . deadfish@netcom.com

3909. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 21:53:32 UTC
From: fellah@org.com
Message-ID: <3kvf0s$l3a@delphinium.cig.mot.com>
Source record: 259480

In article <795973966.71snx@genes.pl.my>, wired@genes.pl.my (Eugene Kang) writes:
|> The local police use digital Motorola Saber Systems transceivers. All I get
|> is static, with the occasional end-of-tx bleep. Any easy way to convert
|> this back to analog?
|>
|>

Nope.

3910. Drive-thru freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 22:15:45 UTC
From: hemstree@vcd.hp.com
Message-ID: <hemstree-2403951415450001@hemstr01.vcd.hp.com>
Source record: 259481

Does anyone have a compilation of the common drive-thru frequencies that different fast food places use? (McDonalds, BurgerKing, Taco Bell, etc)

I know Paul Nash's home page had some listings but I haven't been able to connect to his homepage:

(http://dice.dac.neu.edu/Homepages/paul/freqs/index.html)

Any help is appreciated,
Charles

3911. Re: BC200LXT Memory Erase Key Sequence?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 22:27:02 UTC
From: mmoore@tad.eds.com
Message-ID: <3kvgvm$oa7@mloeff01.elec.mid.gmeds.com>
Source record: 259482

In article <3kl5b7$151o@usenetw1.news.prodigy.com>, XPTV65A@prodigy.com
says...
>
>It seems like I remember reading that you can hold the "2" ,"9" and
>"Scan" buttons at the same time and turn on the scanner. Good luck.
>-
> BOB KAPINOS XPTV65A@prodigy.com

CAREFUL!!

This clears all memory, not just the channel lockouts......

Mike

--
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<->>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
> You can lead a horse to water, but you can't make him drink. >
< You can put a fish in water, but you can't make him swim. >
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<->>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

3912. Motorola HT200 quest.

Newsgroup: rec.radio.scanner
Date: 1995-03-24 23:11:01 UTC
From: delaney@j51.com
Message-ID: <3kvji5$59a@tzlink.j51.com>
Source record: 259483

I picked up a Motorola HT200 radio at a hamfest with a charger for a steal ($5) thinking I could maybe put mu local PD or Ambulance freq in it (155. or 156. mhz) incase of somesort of life-or-death emerg. Can anyone tell me about this radio, I opened it up and saw a crystal in it for 146.94mhz, was this a ham rig to start, or did someone retune it? The crystal looks like a regular scanner crystal (like RS ones), is that what it is? I can't get it to charge, so I'm going to try feeding power from a supply into it directly.

Thanks

--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

3913. Sorry/Clinton

Newsgroup: rec.radio.scanner
Date: 1995-03-24 23:21:22 UTC
From: spiel@larry.cc.emory.edu
Message-ID: <3kvk5i$9eu@moe.cc.emory.edu>
Source record: 259484

I know this has probably been asked a million times, and I apologize for asking it again but I would really like to know the Secret Service freqs for Bill Clinton's and Al Gore's security. Bill Clinton and Al Gore are coming to my campus (Emory U.) on March 29th for some sort of economic meeting.
Also does anyone know of any other interesting freqs (besides Secret Service) that travel with the president? According to my campus paper there will be about 300 media people in two different designated press rooms. Does anybody know if there are any interesting freqs (besides the standard local news stuff) which will accompany the national press corps? Does anybody know the freqs Air Force Once uses, and any other freqs related to transporting the president.
It should be a day of good scanner listening for anyone in the Emory/Atlanta area. Thanks in advance for any responses.

-Stephan Piel

3914. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 23:31:27 UTC
From: schuster@panix.com
Message-ID: <3kvkof$16d@panix3.panix.com>
Source record: 259485

In article <3kuncd$qc2@eugene.convex.com>,
David Horak <horak@convex.com> wrote:
>In <23MAR199521215389@vax2.concordia.ca> hirschj@vax2.concordia.ca (JACK HIRSCHBERG)
writes:
>
>>A couple of months ago I bought a little recharger gaget called
>>the Little Buddy Alkaline Charger. It supposedly could recharge
>>ordinary alkalines. Since Toys R Us was dumping these things at
>>$3 each, I took one on a lark but didn't believe it would work.
>>Boy was I wrong...the little buddy really works. I also have
>>the renewal rechargeable alkalines with their charging system
>>so I could compare results between the two chargers...they are
>>very comparable. I get about 30-40 recharges with the renewal
>>alkalines and about 25-30 recharges with the ordinary alkalines,
>>but at much lower cost. Needless to say I no longer use the
>>renewal alkalines.
>
>Wow, 25-30 Alkaline recharges in the "couple of months" you've owned
>it. Kinda makes me wonder.

Actually, that's the only way this device would work. You're basically
topping off the battery, so it must be "recharged" after VERY LIGHT use.
So if you used the battery-operated device a little every day you would
have to top off the batteries every day, too.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3915. How do "center load" antennas work?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 23:39:04 UTC
From: deadfish@netcom.com
Message-ID: <deadfishD5yxp5.C95@netcom.com>
Source record: 259486

Would someone please tell me how to adjust my telescoping "Radio Shack"
center load antenna for use with my hand held scanner, to optomize
reception for the different common frequencies?

--
' * . . ' + ` .) * ' bruce hallman
. + . , * ' . ' . ` . * . deadfish@netcom.com
. _/_/ ' _/_/_/ _/ _/_/ ' NEW! => URL http://www.netgate.net/~deadfish/

3916. Drive Thru Freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-24 23:47:00 UTC
From: dana.bubp@charleston.com
Message-ID: <357.2397.175@charleston.com>
Source record: 259487

I am looking for Drive-Thru frequencies, Wireless Microphones, Bugs and
things like that. Thanks in advance for any help you can give me.
dana.bubp@charleston.com---

3917. Re: Needed: cheap radio for local police/fire scanning

Newsgroup: rec.radio.scanner
Date: 1995-03-24 23:55:45 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3kvm61$eo3@hptemp1.cc.umr.edu>
Source record: 259488

Benjamin Lerman (lerman@saucer.cc.umr.edu) typed:

: I need a cheap, used (preferably less than $60 and not too beat up)
: scanner to monitor local fire/police/ems freqs while I use my other radio
: for bigger, better <heh> things. Minimum 10 channels, preferably around
: 20, w/lock-out, must have the Low, High, and UHF bands at least. If
: you've got an old cheapie laying around, name your price!
: Thanks in advance,
: --
: Ben Lerman
: lerman@umr.edu
:
Well, it seems that I have found one. Thanks to all who offered or helped
me find one!

--
Ben Lerman
lerman@umr.edu

3918. Re: REQ:Repost www scanner page please

Newsgroup: rec.radio.scanner
Date: 1995-03-24 23:56:35 UTC
From: lerman@saucer.cc.umr.edu
Message-ID: <3kvm7j$eo3@hptemp1.cc.umr.edu>
Source record: 259489

JakeBlues (why?) typed:
: Could somone please tell me what the URL is for the Home Page dealing with
: Scanner frequencies? Thanks in advance

: CBA
I believe it is: htpp://www.okc.com/freq-out

--
Ben Lerman
lerman@umr.edu

3919. Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-25 00:13:05 UTC
From: mikef@anshar.shadow.net
Message-ID: <3kvn6h$15v@anshar.shadow.net>
Source record: 259490

My Lo\Review key has died on my 2006 and it is still under warranty
will Radio Shack give me any grief because the cell mod diode is
clipped.

Thanks
Mike

--
Mike Fink
mikef@shadow.net
Support the NRA

3920. PRO 35 Modifications?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 01:55:29 UTC
From: sthomson@mo.net
Message-ID: <3kvt6h$fr9@Twain.MO.NET>
Source record: 259492

A friend of mine has a PRO 35 Scanner. Can you tell me if it cellular capable, and if not, can it be modified easily?

Thanks

3921. Re: Tone Readers

Newsgroup: rec.radio.scanner
Date: 1995-03-25 02:00:39 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <3kvtg7$nii@strauss.udel.edu>
Source record: 259493
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <brett_miller.176.000E4C84@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:

>One thing that I forgot to mention earlier. If I remember correctly the M400
>does not decode DTMF while the DC440 does. This may make a big difference in
>your decision. DTMF is used for autopatches, cordless phones, cellular
>phones, etc.

So far, most of my use of the M-400 (version 2) has been with DTMF (the mode that comes on when the unit is switched on), the pager modes (Super POCSAG is very popular), and RTTY.

The DTMF portion of the unit has a programming mode whereby up to ten DTMF digit sequences can be stored in memory in order that the M-400 might mute the speaker until one of the digit sequences is detected, or until a specified time period has passed, or a button is pushed. With that feature, you might monitor a cordless neighbor with one of your scanners (the one you owned before you bought the AR8000)--only when a certain number, or one of ten certain numbers, is dialed.

The manual carefully describes how to decode Baudot, ASCII, AUTOR (SITOR A & B), FEC-A, SWED-ARQ, FAX, ACARS, CTCSS (PL), DCS, DTMF, and the following pager modes: POCSAG, Super POCSAG, and GOLAY.

I have not yet tried RTTY decoding with my AR8000, but have had good success with my Sony 2010. The manual says this about RTTY: "The Simplex Telex Over Radio (SITOR) code is used extensively in maritime and diplomatic communications . . . . SITOR A is one of the easiest RTTY modes to find and tune. It is easy to find because of the unique chirp, chirp, chirp sound of two stations interchanging data" (13). I found it thrilling to have the sounds I was curious about for so long turn into text before my eyes. The first message I read off the air was from a ship taking in some water. Recently, I read some stock quotes.

The buffer is pretty large on the M-400 (8,000 received text characters), and it is easy to send the output to a printer. I am planning to purchase a parallel-to-serial converter that will allow me to save what I decode to files on my hard-drive.

Here is what the manual says about some of the other modes: "FEC-A is a popular European press and diplomatic mode" (14). "SWED-ARQ is a diplomatic mode used by the Swedish" (15). "Facsimile (FAX) mode is used on shortwave to transmit wire photos, weather charts, maps and other documents" (16). "ACARS stands for Aircraft Communications Addressing and Reporting System. It was developed a few years ago to cut down on

the flight crew workload by using computers on the ground and in the aircraft to exchange many routine reports and messages" (18).

--
Ken Morrill <kmorrill@strauss.udel.edu>

3922. Las Vegas?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 02:46:41 UTC
From: tsmith@umassd.edu
Message-ID: <D5z6Dw.Mts@umassd.edu>
Source record: 259494

Headed out to Las Vegas for a few days on business...any suggestions? I'd like to listen to casino operations...possibly security ops. I'm staying at the Sahara. Thanks, Tim

3923. Re: Tone Readers

Newsgroup: rec.radio.scanner
Date: 1995-03-25 02:57:36 UTC
From: tjmiles@ix.netcom.com
Message-ID: <3l00r0$76u@ixnews2.ix.netcom.com>
Source record: 259495
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <brett_miller.176.000E4C84@ccm.hf.intel.com>
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>
>>In article <seguine-1503951102550001@slip167.sirius.com>,
>>Chris <seguine@sirius.com> wrote:
>>>The m-400 is a little more $$ and a little bigger so I'm trying to
find
>>>out if any of those other protocols are worthwhile.

>
>One thing that I forgot to mention earlier. If I remember correctly
the M400
>does not decode DTMF while the DC440 does. This may make a big
difference in
>your decision. DTMF is used for autopatches, cordless phones, cellular
>phones, etc.
>
>

Brett (or Chris?),
No, actually the M-400 *does* decode DTMF tones.

Terry

--
tjmiles@ix.netcom.com

3924. Re: Drive-thru freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 03:07:04 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5z7Bs.Gon@ssbunews.ih.att.com>
Source record: 259496
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <hemstree-2403951415450001@hemstr01.vcd.hp.com>,
Charles H. Hemstreet IV <hemstree@vcd.hp.com> wrote:

>Does anyone have a compilation of the common drive-thru
>frequencies that different fast food places use? (McDonalds,
>BurgerKing, Taco Bell, etc) ...

I've seen compilations, but they are not accurate for more
than a specific set of restaurants in specific locations. That's
because there are no FCC "fast food" allocations as such. The fast food
joints are found on dozens of frequencies, including low power business
frequencies (e.g., 154.6 MHz), conventional business frequencies
(154.515 MHz), and interstitial UHF business channels (e.g.,
460.8875 MHz).

You cannot assume that your local McDonalds uses 154.57 because
the McDonalds in another town uses it. The best way to find
the frequency is probably the most fun way -- take your scanner
or frequency counter on a "frequency hunt." For the VHF-low
band (30 - 50 MHz), you'll have to be very close to hear
the signal, usually right in the parking lot. The VHF-high
and UHF signals can be heard at greater distances.

While testing the Auto Store feature on the new BC3000XLT
portable scanner, I spent a few hours digging up the
freqs for several stores and about 8 fast food restaurants
all located on the same street.

There is another way. You may have already seen my note on
RadioMap(TM) in the rec.radio.scanner FAQ article:

Over 15% of the FCC licenses, including many fast food
restaurants, contain transmitter latitude and longitude but
specify no transmitter city. To determine the location of
those transmitters requires using the latitude and
longitude information.

As I have already done for dozens of radio enthusiasts and
companies in several states, I will locate FCC licensed and
selected FAA transmitter sites in an area of your choice,
and produce a custom report. To make it easy to locate
transmitters, the report includes an 8-1/2" by 11" scaled
plot marked with transmitter sites and cities (no streets).
I call this innovation RadioMap(TM) service.

It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Industry uses RadioMap reports to survey the "radio environment" prior to installation of radios and wireless microphones at customer sites.

This is completely different from, and independent of the Grove Enterprises CDROM.

Ham radio stations are not listed. The RadioMap report includes frequencies, callsigns, and licensee names. For a flat fee, you choose the center location, and I choose the range, depending on transmitter site density. A 5 mile range (100 sq. mi. area) works well in most suburban areas. In rural areas, ranges of up to 10 or more miles (400 sq. mi. area) are possible, while ranges of 1 to 2 miles produce best results in urban cities, e.g., Manhattan and downtown Chicago.

I will produce custom RadioMap reports for areas in any of the 50 states. Send $25.95 (check or money order) for each RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time.

Note: I cannot respond to electronic mail inquiries about RadioMap. Please call the telephone number above if you have questions.

3925. Freqs for Central Indiana

Newsgroup: rec.radio.scanner
Date: 1995-03-25 03:54:15 UTC
From: danthony@holli.com
Message-ID: <D5z9I3.6rw@dorite.use.com>
Source record: 259497
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Anybody have "interesting" frequencies for Central Indiana??? Please email

David and Rachel Anthony
PO Box 182
518 Church St.
Sweetser, IN 46897
(317) 384-7345
home: danthony@holli.com
work: c23dca@kocrsv01.delcoelect.com

3926. Re: Drive-thru freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 03:58:22 UTC
From: reptile@primenet.com
Message-ID: <reptile.121.002C4E71@primenet.com>
Source record: 259498
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D5z7Bs.Gon@ssbunews.ih.att.com> parnass@radioman.ih.att.com (Bob Parnass, AJ9S) writes:
>From: parnass@radioman.ih.att.com (Bob Parnass, AJ9S)
>Subject: Re: Drive-thru freqs?
>Summary: tips on how to find them
>Date: Sat, 25 Mar 1995 03:07:04 GMT

>You cannot assume that your local McDonalds uses 154.57 because
>the McDonalds in another town uses it. The best way to find
>the frequency is probably the most fun way -- take your scanner
>or frequency counter on a "frequency hunt." For the VHF-low
>band (30 - 50 MHz), you'll have to be very close to hear
>the signal, usually right in the parking lot. The VHF-high
>and UHF signals can be heard at greater distances.

I have travelled all over the U.S., including Los Angeles, Big Bear, CA, Phoenix, Arizona (where I live) and San Antonio and Austin, TX. And whenevr I drove by a McDonald's, they used 154.600 and in a few cases 154.57 but it was ALWAYS one fo the two, and they always used a CTCSS of 107.2Hz

3927. Re: Pro-39 ranges

Newsgroup: rec.radio.scanner
Date: 1995-03-25 04:34:26 UTC
From: davidw2911@aol.com
Message-ID: <3l06gi$6cb@newsbf02.news.aol.com>
Source record: 259499

```
30-54,
108-136.975,
137-174,
380-512,
806-823.9375,
851-868.9375,
896-960
```

3928. Re: Drive-thru freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 04:34:48 UTC
From: parnass@radioman.ih.att.com
Message-ID: <D5zBE0.IxI@ssbunews.ih.att.com>
Source record: 259500
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <reptile.121.002C4E71@primenet.com>,
Mike Johnsen <reptile@primenet.com> wrote:

>In article <D5z7Bs.Gon@ssbunews.ih.att.com>
> parnass@radioman.ih.att.com (Bob Parnass, AJ9S) writes:
>
>
> > You cannot assume that your local McDonalds uses 154.57 because
> > the McDonalds in another town uses it....
>
>I have travelled all over the U.S., including Los Angeles, Big Bear, CA,
>Phoenix, Arizona (where I live) and San Antonio and Austin, TX.
>And whenevr I drove by a McDonald's, they used 154.600 and in a
>few cases 154.57 but it was
>ALWAYS one fo the two, and they always used a CTCSS of 107.2Hz

But you've cited only a tiny percentage of McDonald's restaurants.

Had you driven through southern Naperville, IL, you'd find
McDonalds on 171.105 and 171.905 MHz, and on 151.895 in
other parts of town.

And then, there's the Homewood McDonalds on 170.245 MHz and
the Downers Grove McDonalds on 467.55 and 457.55 MHz....
or the St. Charles McDonalds on 464.5125.

And then there are the 6.02*10**23 McDonalds in Chicago, ...
I think you get the picture.

--

==========
Copyright 1995, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@att.com - (708)979-5414

3929. Re: Weather satellite reception

Newsgroup: rec.radio.scanner
Date: 1995-03-25 04:43:18 UTC
From: jworth@tyrell.net
Message-ID: <D5zBs7.JuG@tyrell.net>
Source record: 259501
Cross-posted to: rec.radio.scanner,alt.radio.scanner.uk

In <3ks3p1$s6c@ornews.intel.com>, Collier_Chun@ccm.hf.intel.com (Collier Chun) writes:
>In article <795912975snz@crosbie.demon.co.uk>, tom@crosbie.demon.co.uk says...
>>In article <3km1j3$2b4@metroux.metrobbs.com>
>> cadsuper@big12.metrobbs.com "Rob Holland" writes:
>>> : Stephen Wassell says:
>>>
>>> : " I've been trying, without much success to get some sort of picture from
>>> : " the strong signal at 137.925Mhz. I guess that it's a weather satellite,
>>> : " as that's what is sounds like, but I can't get any sort of picture.
>>>
>>> : " I'm using JVFax 5.1 on a 486/66, with a hamcomm interface. The interface
>>> : " definately works, but when it's all connected up I just get at best a
>>> : " black screen with occasional white dots.
>>>
>>> : " What's going wrong here?
>>>
>>> I bought a program for about $75 called AEA Fax II which I have used for
>>> the past year. It comes with software and a device that plugs into the
>>> RS-232C port of your serial card. It has a wire that comes off of it to
>>> plug into a shortwave radio which you can decode the following:
>>> WEFAX (b/w satellite images)
>>> RTTY (radio teletype)
>>> CW (morse code)
>>> NAVTEX(some kind of offshore weather stuff like RTTY, dont know for sure)
>>>
>>> and I think that's it. AEA already has out their new version of that
>>> called AEA FAX III that is basically the same as II, has the same decoder
>>> and all, but will enhance your b/w pictures with color so you will have
>>> false color images of the satellite pics that you recieve. It's well
>>> worth the money.
(stuff deleted]

Is there a mailing list or ftp site where a person can get the schedules. This
program has some schedules, but they are out of date.

Jason Worthington
jworth@tyrell.net

3930. DTMF usage

Newsgroup: rec.radio.scanner
Date: 1995-03-25 04:48:40 UTC
From: CNFD11A@prodigy.com
Message-ID: <3l07b8$o66@usenetp1.news.prodigy.com>
Source record: 259502

In Louisville KY, a "C" tone is used to trigger an emergency "Code 3" signal on the police frequencies. It is used during such events as robberies and medical emergencies. Sending the "C" tone a second time brings the police frequencies out of "Code 3".

3931. POP COM = US SCANNER NEWS sae Email

Newsgroup: rec.radio.scanner
Date: 1995-03-25 06:03:04 UTC
From: robert@eden.com
Message-ID: <3l0bmo$ojs@boris.eden.com>
Source record: 259503

I noticed that both mags have the same Email address .. what gives

3932. Mem Mod on BC890XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-25 06:18:32 UTC
From: cknisley@id.net
Message-ID: <3l0cjo$501@kilroy.id.net>
Source record: 259504

I am looking for a mod that will increase the memory in my BC 890xlt.
So, if anyone has such a mod, please E-mail it to me.

Thanks...

Craig Knisley
cknisley@id.net
http://www.id.net/~cknisley/home.html
KB8YJL

3933. Re: What scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 07:07:05 UTC
From: rotnapple@aol.com
Message-ID: <3l0fep$8rc@newsbf02.news.aol.com>
Source record: 259507

>I'd like to get a scanner in the 50kHz-30MHz range.
>Sure, there are many, but are there any in the $100-$150
>price range?

.05mhz - 30mhz is typically refered to as the Short Wave band. Few scanners really don't do well in this band, most don't even try. The ones that do, are going to cost $400- $650. What you need is a cheap portable Short Wave radio. Even so your price is awfully low to get anthing decent in my opinion.

Greg, the RotnApple
RotnApple

3934. Re: Drive-thru freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 07:10:10 UTC
From: reptile@primenet.com
Message-ID: <reptile.124.00202D76@primenet.com>
Source record: 259508
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>
>
>But you've cited only a tiny percentage of McDonald's restaurants.

>Had you driven through southern Naperville, IL, you'd find
>McDonalds on 171.105 and 171.905 MHz, and on 151.895 in
>other parts of town.

>And then, there's the Homewood McDonalds on 170.245 MHz and
>the Downers Grove McDonalds on 467.55 and 457.55 MHz....
>or the St. Charles McDonalds on 464.5125.

>And then there are the 6.02*10**23 McDonalds in Chicago, ...
>I think you get the picture.

My mistake, I stand Corrected

Mike Johnsen KC7IKD

3935. Re: Gov't Scanner Frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 07:31:20 UTC
From: bundy@webe.hooked.net
Message-ID: <3l0gs9$7dk@webe.hooked.net>
Source record: 259509

newville@omnifest.uwm.edu (David K. Newville) wrote:

>Does anyone have a list of Gov't radio frequencies used
>by FBI,DEA,Ect? There was a list in here previously,
>but was deleated before I could get it. I would
>appreciate it if anyone could put this back on, or
>perhaps put up a new list.

Here's a few that work in S.F. and other places....

FEDERAL BUREAU OF 162.6375
INVESTIGATION

FEDERAL BUREAU OF 163.9125
F5
INVESTIGATION

FEDERAL BUREAU OF 163.925
F1
INVESTIGATION

FEDERAL BUREAU OF 163.9375
INVESTIGATION

FEDERAL BUREAU OF 164.55 NATIONWIDE ORGANIZED
INVESTIGATION CRIME

DRUG ENFORCEMENT 165.290 DEA/ATF SHARED
ADMINISTRATION

DRUG ENFORCEMENT DEA/ATF SHARED
ADMINISTRATION

CALIFORNIA STATE NET, 165.590
REPEATER OUT

FEDERAL BUREAU OF 167.2125 OAKLAND SPECIAL
INVESTIGATION OPERATIONS

FEDERAL BUREAU OF 167.2375
A3
INVESTIGATION

FEDERAL BUREAU OF 167.2625 WEST BAY ECC REPEATER
A1
INVESTIGATION

CALIFORNIA "CHARLIE-4" 167.290
REPEATER OUT

CALIFORNIA "CHARLIE-1"
SIMPLEX

FEDERAL BUREAU OF 167.3375 OAKLAND ECC
A3
INVESTIGATION

FEDERAL BUREAU OF 167.3875
INVESTIGATION

FEDERAL BUREAU OF 167.400 EAST BAY SURVEILLANCE
B3
INVESTIGATION

FEDERAL BUREAU OF 167.4125
INVESTIGATION

FEDERAL BUREAU OF 167.4375
INVESTIGATION

FEDERAL BUREAU OF 167.4625 SANTA CRUZ ECC
B2
INVESTIGATION

FEDERAL BUREAU OF 167.4875
INVESTIGATION

FEDERAL BUREAU OF 167.5125 SAN FRANCISCO SPECIAL
F3
INVESTIGATION OPERATIONS

FEDERAL BUREAU OF 167.5375 NATIONWIDE SWAT
A6
INVESTIGATION

FEDERAL BUREAU OF 167.5625 NATIONWIDE COMMON
F4
INVESTIGATION

FEDERAL BUREAU OF 167.5875
INVESTIGATION

FEDERAL BUREAU OF 167.600 SAN BRUNO MOUNTAIN
A8
INVESTIGATION

FEDERAL BUREAU OF 167.6125
INVESTIGATION

FEDERAL BUREAU OF 167.6250 EAST BAY OPERATIONS
B1
INVESTIGATION

FEDERAL BUREAU OF 167.635
INVESTIGATION

FEDERAL BUREAU OF 167.65 FBI/INS SHARED
INVESTIGATION

FEDERAL BUREAU OF 167.6875
INVESTIGATION

FEDERAL BUREAU OF 167.7375
INVESTIGATION

FEDERAL BUREAU OF 167.7625
INVESTIGATION

FEDERAL BUREAU OF 167.7875
INVESTIGATION

DEA 170.825 DEA/FBI SHARED

DEA 170.9 DEA/FBI SHARED

FEDERAL BUREAU OF 408.400 FBI/INS SHARED
INVESTIGATION

FEDERAL BUREAU OF 409.15 SHARED WITH ATF
INVESTIGATION

FEDERAL BUREAU OF 411.05
INVESTIGATION

FEDERAL BUREAU OF 411.150 MOUNT TAMALPAIS
INVESTIGATION

DRUG ENFORCEMENT 412.000
ADMINISTRATION

DRUG ENFORCEMENT 412.125
ADMINISTRATION

FEDERAL BUREAU OF 414.000 MOUNT DIABLO
INVESTIGATION

DRUG ENFORCEMENT 414.05
ADMINISTRATION

FEDERAL BUREAU OF 414.350 MOUNT TAMALPAIS
BLUE SYSTEM
INVESTIGATION

FEDERAL BUREAU OF 414.375 SAN FRANCISCO CONTROL
INVESTIGATION

FEDERAL BUREAU OF 414.45
INVESTIGATION

DRUG ENFORCEMENT 414.475
ADMINISTRATION

DRUG ENFORCEMENT 414.500
ADMINISTRATION

FEDERAL BUREAU OF 414.55 TWIN PEAKS
GOLD SYSTEM
INVESTIGATION

FEDERAL BUREAU OF 417.150 FBI/INS SHARED
INVESTIGATION

DRUG ENFORCEMENT 417.45 DEA/FBI SHARED
ADMINISTRATION

DRUG ENFORCEMENT 417.5 DEA/FBI SHARED
ADMINISTRATION

DRUG ENFORCEMENT 417.55 DEA/FBI SHARED
ADMINISTRATION

DRUG ENFORCEMENT 417.75
CHANNEL 9
ADMINISTRATION

DRUG ENFORCEMENT 418.050 LOW POWER
10
ADMINISTRATION

DRUG ENFORCEMENT 418.075 INTERAGENCY COMMON
ADMINISTRATION

DRUG ENFORCEMENT 418.175 SURVEILLANCE
8
ADMINISTRATION

DRUG ENFORCEMENT 418.500 OPERATIONS REPEATER
8
ADMINISTRATION

DRUG ENFORCEMENT 418.55 DEA/FBI SHARED
ADMINISTRATION

DRUG ENFORCEMENT 418.575 TO USCG
9
ADMINISTRATION

DRUG ENFORCEMENT 418.625 AMY
1A
ADMINISTRATION

DRUG ENFORCEMENT 418.675 EMILY
F4
ADMINISTRATION

DRUG ENFORCEMENT 418.700 OPERATIONS
ADMINISTRATION

DRUG ENFORCEMENT 418.750 GAIL
F3
ADMINISTRATION

DRUG ENFORCEMENT 418.775 OPERATIONS
ADMINISTRATION

DRUG ENFORCEMENT 418.800
1B
ADMINISTRATION

DRUG ENFORCEMENT 418.825 FAY
F5B
ADMINISTRATION

DRUG ENFORCEMENT 418.875 OPERATIONS
ADMINISTRATION

DRUG ENFORCEMENT 418.900 CINDY
F2
ADMINISTRATION

DRUG ENFORCEMENT 418.950 HARRIET
F6
ADMINISTRATION

DRUG ENFORCEMENT 418.975 OPERATIONS
F7
ADMINISTRATION

DRUG ENFORCEMENT 419.000
ADMINISTRATION

DRUG ENFORCEMENT 419.2 REPEATER
11
ADMINISTRATION

DRUG ENFORCEMENT 419.225 REPEATER
ADMINISTRATION

DRUG ENFORCEMENT 419.25 REPEATER
10
ADMINISTRATION

DRUG ENFORCEMENT 419.275 TWIN PEAKS
ADMINISTRATION

DRUG ENFORCMENT 419.300
ADMINISTRATION

FEDERAL BUREAU OF 419.475
INVESTIGATION

UHF LINK FOR CALIFORNIA 419.500
FBI FREQS

FEDERAL BUREAU OF 419.525 MOUNT DIABLO
INVESTIGATION

3936. Cobra

Newsgroup: rec.radio.scanner
Date: 1995-03-25 07:34:43 UTC
From: rockerusa@aol.com
Message-ID: <3l0h2j$94v@newsbf02.news.aol.com>
Source record: 259510

Are there any mods for a cobra SR900?

thanks,
RockerUSA

3937. Re: mobile scanner permits

Newsgroup: rec.radio.scanner
Date: 1995-03-25 07:54:28 UTC
From: davidm@iglou.com
Message-ID: <qmySlK7gXzMM079yn@iglou.com>
Source record: 259511

In article <3kt3m7$dp7@solaris.cc.vt.edu>,
robertso@bev.net (Bruce Robertson) wrote:

> In Indiana (where mobile scanners are unlawfulL)
> A friend of mine had one issued by the Cheif of police.
> He obtained his by just asking.
> (he used to be on the village council though)
>
> It might be like conceald weapons permit you must demonstrate a need.

It also is largely up to the whim of the person making the decision. I know several people who wanted to get a permit in Clarksville, IN, and were flately told "no" with no explanation. Atleast in the copy of the Indiana law that I have, no policies or requirments are set. It seems to be left solely to the person who must make the decision.

A MUCH easier route is to just study a few weeks and get your Technician class ham radio license (no code test for this one). Indiana (and all states that have scanner laws) specifically exclude hams from scanner restrictions. City and county laws may be an additional hurdle though, depending on where you live. But I've not heard of that many entities smaller than "state" that have scanner laws.

David KD4RMW
davidm@iglou.com

3938. MORE ON SCANERES ON AIR PLANES.

Newsgroup: rec.radio.scanner
Date: 1995-03-25 11:29:27 UTC
From: joshm@melbourne.DIALix.oz.au
Message-ID: <3l0uqn$p1d$1@melbourne.DIALix.oz.au>
Source record: 259512

well good new i have a list of air lines that will let you carry and
listen to a scana on board your flight....

Air new zealand ....yes with no stipulations.
ansett... no but they will test radios for iterference and answer maybe
changed to yes..

DELTA..... yes but only in cruise.

KENDALL..... yes if no passanger discompotr is caused and the captin ok's it.

KLM (holland)......NO

LAN CHILE.......NO

LUFTHANSA.....NO

O"CONNOR AIRLINES.........YES IF EAR PHONE OR HEAD SET ARE USED.

QANTAS...NO THEY USED TO TEST RADIO FOR INTENDING PASSENGARS BUT HAVE
STOPED TO ECONOMISE.

SINGAPORE AIRLINES....NO

well this list was taken from listening in magazine they can be contacted
at PO Box 16 georges hall 2198 NSW AUSTRALIA.

3939. Re: Tone Readers

Newsgroup: rec.radio.scanner
Date: 1995-03-25 12:24:42 UTC
From: laird@nettle.ecn.purdue.edu
Message-ID: <3l122a$8aq@mozo.cc.purdue.edu>
Source record: 259513
Cross-posted to: rec.radio.scanner,alt.radio.scanner

For you do-it-yourselfers...

Some literature I received with my recent order from Parallax
mentions that their new Basic Stamp IC may have DTMF encode
and decode functions built-in to the on-chip BASIC.

Neat stuff.

Call Parallax at 916-624-8333.

--kyler

3940. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 12:28:16 UTC
From: k8zgw@hamnet.wariat.org
Message-ID: <D5zxB5.85B@hamnet.wariat.org>
Source record: 259514

In article <3ktdr0$h28@newsbf02.news.aol.com>,
Jmmorrison <jmmorrison@aol.com> wrote:
>It sounds very much like you're describing Digital Voice Protection (DVP).
>There is no known easy way to decode these transmissions due to the
>millions (if not more) of possible encryption keys.
>
>John M Morrison, Detroit, MI

It's not encrypted, because it doesn't need to be..... It's DIGITAL

Lots of luck listening..... one of these days someone will sell an A to D converter, but it will be BIG BUX.

--

Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org

Cleveland Hamnet BBS (216) 942-6382

3941. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-25 13:54:16 UTC
From: jaylgold@crl.com
Message-ID: <3l1jbu$ln7@nntp.crl.com>
Source record: 259515

Don Hayes <donhayes@delphi.com> wrote:
>Path: nntp.crl.com!howland.reston.ans.net!news.sprintlink.net!cs.utexas.edu!swrinde!gatec
h!newsfeed.pitt.edu!uunet!in1.uu.net!news.delphi.com!usenet
>From: Don Hayes <donhayes@delphi.com>
>Newsgroups: rec.radio.scanner
>Subject: Re: Scanner in airline luggage
>Date: Wed, 22 Mar 95 01:55:35 -0500
>Organization: Delphi (info@delphi.com email, 800-695-4005 voice)
>Lines: 6
>Message-ID: <xgx7mr3.donhayes@delphi.com>
>References: <3jgbli$b6v@newsbf02.news.aol.com>
>NNTP-Posting-Host: bos1f.delphi.com
>X-To: ChesterGeo <chestergeo@aol.com>
>
>I traveled back and forth from NY to SFO for almost 2 years every month and
>carried both my scanner and 2 meter ham radio in my briefcase. I never had a
>problem or even had a question at any of the security points. You should ask
>the captains permission before attempting to use the scanner on the plane. He
>would probably not be a happy camper if it interferes with his navigation
>equipment. A little courtesy goes a long way sometimes !! Have a safe trip!

These statements always get my curiosity going. I am a pilot and I have never had
a problem with any scanner interfering with navigational equipment. In addition,
I have used a cellular phone, which by the way, don't you wonder why they say you
can't use your cellular phone due to possible navigational interference when they
now have cell phones in the back seats which you can use your credit card to
make phone calls!

Another bunch of crap put out to make money for the airlines!
WAKE UP AMERICA!

Jay

F-15 EAGLE /O P E R A T I O N\ F-16 FALCON
** ** D E S E R T ** **
** ** S T O R M ** **
*** ***
M61A-1(940 ROUNDS), AIM-7F, AIM-9-L, FLIR
jaylgold@crl.com

3942. Looking for BC3000XLT in DC area/ Selling ICOM R1

Newsgroup: rec.radio.scanner
Date: 1995-03-25 14:00:07 UTC
From: bodoh@dakota.net
Message-ID: <3l17l7$kih@westie.mid.net>
Source record: 259516

Hello,

I will be travelling to the Baltimore/Washington DC area (near NASA/Goddard) next week and am wondering where I can buy a Uniden BC3000XLT. I know about EEB and HRO in Virginia, but unless they have nighttime hours, I won't be able to get there while they are open. Are there any electronics stores near where I'll be that I could get to quickly or have night hours? I am leaving for there on Sunday the 25th. Thanks...

BTW - Anyone in that area interested in buying a mint ICOM R1 with BP84 pack and soft case for $350 (firm)?

3943. Re: Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 14:44:51 UTC
From: smeier@uspto.gov
Message-ID: <3l1a93$9cr@pioneer.uspto.gov>
Source record: 259517

Robbin A. Olson (robbino@primenet.com) wrote:
: This may be a ridiculous question but . . .

: I have a PRO-43. Will a discone antenna improve my reception while indoors or
: is the stock antenna tuned to provide optimum performance?

: I am saving to buy a base scanner.

: Thanks.

: Robbin

: robbino@primenet.com

Robbin:

Definitely use the discone! But put it in your attic to prevent lightning strikes. Besides, it's more attractive in the attic and who wants to climb on their roof.

Stephen Meier

3944. Re: Is this the place for radar detectors???

Newsgroup: rec.radio.scanner
Date: 1995-03-25 14:51:27 UTC
From: smeier@uspto.gov
Message-ID: <3l1alf$9ii@pioneer.uspto.gov>
Source record: 259518

Michael Schuster (schuster@panix.com) wrote:
: In article <3khg88$pvu@newsbf02.news.aol.com>,
: Cowboy2002 <cowboy2002@aol.com> wrote:
: >Is this the newsgroup for talk about radar detectors ??
: >If not where is the appropiate newsgroup.

: try rec.autos.*
: --
: Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
: ------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

Cowboy2002:

Radar detectors are receivers, so feel free to talk here too.

Stephen Meier

3945. WTB: AR8000

Newsgroup: rec.radio.scanner
Date: 1995-03-25 16:59:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <5dd_9503252334@tor250.org>
Source record: 259533

JB>From: jbadger@poplar110.cray.co@firstdue.uu.holonet.net
JB>(JBADGER@POPLAR110.CRAY.CO)
JB>Newsgroups: rec.radio.scanner
JB>Subject: WTB: AR8000
JB>Message-Id: <8A5930D.01F400002F.uuout@firstdue.uu.holonet.net>
JB>Date: Thu, 16 Mar 95 13:01:00 -0500
JB>Organization: First Due Bulletin Board System
JB>Reply-To: jbadger@poplar110.cray.co@firstdue.uu.holonet.net
JB>(JBADGER@POPLAR110.CRAY.CO)
JB>X-Newsreader: PCBoard Version 15.2
JB>X-Mailer: PCBoard/UUOUT Version 1.0
JB>Lines: 28

JB>Path:
JB>holonet!colossus.holonet.net!agate!ihnp4.ucsd.edu!network.ucsd.edu!equalize

JB>buk.cray.com!driftwood.cray.com!jbadger
JB>From: jbadger@poplar110.cray.com (Jon Badger)
JB>Subject: WTB: AR8000
JB>Message-ID: <1995Mar16.130114.20667@driftwood.cray.com>
JB>Originator: jbadger@poplar110
JB>Lines: 15
JB>Sender: jbadger@poplar110 (Jon Badger)
JB>Nntp-Posting-Host: poplar110
JB>Organization: Cray Research, Inc.
JB>Date: 16 Mar 95 13:01:14 CST

JB>Wanted to buy: Used AOR8000 (unblocked)

JB>Also, does anyone know of a better deal on a new AR8000 than these?

JB>Javiation: $618.00 (US) includes shipping but not duty

JB>ATLANTIC: $670.00 (US) includes shipping & duty
JB> Atlantic also says they will give a full refund of purchase and
JB> shipping charges if the radio gets returned to them by US customs.

JB>The question is, does US customs return equipment that doesn't meet import
JB>regs?
JB>Or do they keep it and put it in their annual auction?

They ain't called Atlantic Scam fer nuthin' ! Read the Ad agagain "any
radio returned to us bu US customs" I don't believe US customs is in any
way responsible for reutrning the lawfully seized item to the retailer.
That would be sayning" Caught you this time, better luck next time !"

Just install the radio if you can in your vehicle and mail the box and paperwork home!
Dan

---
* SLMR 2.1 * my folks went to Singapore and all I got was a lousy cane
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.

3946. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-25 17:55:08 UTC
From: kc7gnm@primenet.com
Message-ID: <kc7gnm.2.001477C2@primenet.com>
Source record: 259519

In article <3kvn6h$15v@anshar.shadow.net> mikef@anshar.shadow.net (Mike Fink) writes:
>From: mikef@anshar.shadow.net (Mike Fink)
>Subject: Will Radio Shack repair pro2006 with cell mod
>Date: 24 Mar 1995 19:13:05 -0500

>My Lo\Review key has died on my 2006 and it is still under warranty
>will Radio Shack give me any grief because the cell mod diode is
>clipped.

What you should have done was de-solder the diode instead of clipping it. That way you could have jusr re-soldered it to the radio prior to shipping back to radio Shack.

73 de KC7GNM
Greg

3947. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-25 18:26:21 UTC
From: johnw@right1.right.net
Message-ID: <johnw.796155981@right1>
Source record: 259520

mikef@anshar.shadow.net (Mike Fink) writes:

>My Lo\Review key has died on my 2006 and it is still under warranty
>will Radio Shack give me any grief because the cell mod diode is
>clipped.

Rat Shack will restore the diode you clipped, then charge you for this
'repair'. They will restore the unit to origional specs....

Had a friend with a computer, that he installed a 3rd party memory board...
It broke down, and he brought it in for repair. They restored it... by
throwing away his $200 memory board and charging him to replace the origional
memory chips.

--
John L. Wilkerson Jr. jwilkers@right1.right.net

3948. Re: GPS receivers

Newsgroup: rec.radio.scanner
Date: 1995-03-25 19:17:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <79a_9503261204@tor250.org>
Source record: 259536

```
VA>From: brian varine <varine@ece.orst.edu>
VA>Newsgroups: rec.radio.scanner
VA>Subject: Re: GPS receivers
VA>Date: Thu, 23 Mar 1995 16:52:01 -0800
VA>Organization: College of Engineering, Oregon State University
VA>Lines: 19
VA>Message-Id: <Pine.HPP.3.91.950323164410.18775A-100000@holmes.ece.orst.edu>
VA>References: <3kibb6$43r@news.bu.edu> <3kkbquINNh2o@afshub.boulder.ibm.com>
VA><3ks9im$t3i@tadpole.fc.hp.com>
VA>Nntp-Posting-Host: holmes.ece.orst.edu
VA>Mime-Version: 1.0
VA>Content-Type: TEXT/PLAIN; charset=US-ASCII

VA>get them in a year or two. Theres a problem with it, though. It seems the
VA>poilce union doesn't like the GPS system. They feel that it will be used
VA>to track the officers and monitor their work. So, for now, it's shut off.
VA>I wish they would have thought about this before they spent $12 million

Who' watching the watchers? Gee, a little miffed they'll be cuaght
goofing off on taxpayers time? Sounds like it would be every shot cops
dream come true for fast back-up.
Dan

---
* SLMR 2.1 * *Leaf+Linb+Branch+Trunk+Roots= Family Tree (:D)
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
| Standard-disclaimer: The views of this user are strictly his own.
```

3949. 1500 Watt Linear Amp (for sale)

Newsgroup: rec.radio.scanner
Date: 1995-03-25 20:23:22 UTC
From: professr@netaxs.com
Message-ID: <3l1u3q$2qk@netaxs.com>
Source record: 259521

I have a 1500 Watt linear Amplifier that was featured in the 1995 ARRL Handbook. (page 13.31) It covers the 80, 40, 20, 17, 15, 12 and 10 meter bands. It produces 1500-W PEP with about 100 watts of drive. It runs on 240v and is very easy to tune up. The power supply is built in. I am interested in selling for $1500.00 or best offer.

It uses 2 3-500Z triodes.

--
=+

I am The Professor, I run The Proessor's Notebook BBS - (215)483-5144
Check out my web page --> http://www.netaxs.com/people/professr

=+=+=+=+=+=+=+=+=+=+=+tous les opinions sont les miennes=+=+=+=+=+=+=+=+=+=+=+=+

3950. Phone monitor

Newsgroup: rec.radio.scanner
Date: 1995-03-25 20:30:43 UTC
From: buygold@aol.com
Message-ID: <3l1uhj$gap@newsbf02.news.aol.com>
Source record: 259522

Help! I am searching for a telephone listening device. This device has been used in the
past by both the CIA and the FBI. It allows you to call a phone number and open the
circuit without requiring either the phone to be lifted off the cradle or cause it to ring.
Therefore, every phone on that line becomes a microphone. It also does not interfere with
the normal operation of the phone. Obviously, the local Radio Shack store isn't going to
carry these in stock. I also imagine it is illegal to use this device on anybody else's phone
except there own. Of course, I would only use this device for testing purposes on my own
phone. Can anyone help me find either the device or the plans for one?
Please E-Mail me.

3951. Re: Beartracker w/ alert light

Newsgroup: rec.radio.scanner
Date: 1995-03-25 21:07:52 UTC
From: rogerp@j51.com
Message-ID: <3l20qk$a2q@tzlink.j51.com>
Source record: 259523

stavros@agora.rdrop.com (Steve Culliton) wrote:

> I'm not sure what you mean about a real scanner... If the extender isn't
> on, or he's not transmitting, how will a "real scanner" make any
> difference?

By a "real" scanner I meant one that is user programmable and no, a real scanner won't help you anymore than the Beartracker if the officer isn't using the extender, i.e. if he's NOT outside his vehicle.

It's just that the Beartracker's main selling point (the alert feature) has been severely limited by the fact that those states using mobile extenders have now configured them to be turned on only when the officer is out of his car. So, since most police patrol cars you see have the officers inside why bother buying a radio whose main feature is for the most part hype and at best undependable?

BTW, the Beartracker model BCT-2 is NOT user programmable, meaning the user has no way to change frequencies. I was thinking of the BCT-2 when I originally said get a "real" scanner. The newer Beartracker BCT-7 is user programmable. So it, at least, does have redeaming qualities regardless of the alert feature.

My overall point is that whoever buys either model Beartracker figuring that the alert feature will tell him whenever there's a Smokey within 3 miles is buying false security.

3952. WIRELESS PHONE JACK SYSTEMS

Newsgroup: rec.radio.scanner
Date: 1995-03-25 21:11:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9503251605275012@ectech.com>
Source record: 259544

New Device turns any electrical outlet into a phone jack. Have you seen these Wireless Phone Jack Transmitters-Receivers? Does anyone know what frequency they operate on?

---

* QMPro 1.52 * Happiness is a positive cash flow.

3953. Pro 46

Newsgroup: rec.radio.scanner
Date: 1995-03-25 21:15:09 UTC
From: jima119256@aol.com
Message-ID: <3l214t$grh@newsbf02.news.aol.com>
Source record: 259524

I was offered a pro 46 scanner by a friend for $200. Can anyone tell me if this is a good price and if the scanner is modifiable to receive cell.

Thanks

3954. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 21:30:29 UTC
From: 213ec@3f9y.mdd
Message-ID: <213ec.150.01CA182B@3f9y.mdd>
Source record: 259525

>It's not encrypted, because it doesn't need to be..... It's DIGITAL

Here's an interesting phenomenon: I've taken the SABER's my firm uses and transmitted directly to my scanner in the same room. I get clear returns on several different frequencies, but when I scan those freq's for other SABERs at longer ranges, I get nothing. Any ideas?

3955. Re: mobile scanner permits

Newsgroup: rec.radio.scanner
Date: 1995-03-25 22:17:54 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3l24qi$aho@roch0.eznet.net>
Source record: 259526

davidm@iglou.com (David Michael Moore) wrote:
>
> live. But I've not heard of that many entities smaller than "state" that have
> scanner laws.

Rochester, NY is one city that has a scanner ordinance.

3956. Re: Wireless Phone Jack Frequency?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 22:50:02 UTC
From: ingallsd@iea.com
Message-ID: <3l26mq$n3b@krel.iea.com>
Source record: 259527

In article <3kfdep$e6@news.compulink.com>, scanman@cml.com (scanman) says:
>
>I saw an ad for a new device by RCA, which consisted of two pieces. One plugs
>into the phone jack and the other plugs into the phone, which can now be
>used anywhere in the house just like a cordless phone. Does anyone know
>what frequencies this thing uses?
>

I believe that device you are refering to also plugs into an AC outlet
and uses PLC techniques to connect the jack and the phone. Therefore,
you are unlikely to be able to monitor those communications.

Dave

3957. Re: Help.PRO43.Speaker.Shot

Newsgroup: rec.radio.scanner
Date: 1995-03-25 23:01:45 UTC
From: ingallsd@iea.com
Message-ID: <3l27cp$n3b@krel.iea.com>
Source record: 259528
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3kj5qq$ac4@usenetp1.news.prodigy.com>, WYZK40A@prodigy.com (Tom Baker) says:
>
>BOB,
>
> I HAD A SPEAKER BLOW ON MY PRO-39, RADIO SHACK REPAIRED
> IT WITHIN A WEEK FOR 59.38 PLUS THEY ALSO DID A FEW OTHER MINOR TWEAKS
>
> TOMB

I had a speaker die in my PRO-44 and ordered a replacement from Radio
Shack for about $11 and replaced it myself (what a novel consept) and
saved about $40 compared to your approach.

Dave

3958. Pittsburgh FREQS?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 23:12:36 UTC
From: MCFF21A@prodigy.com
Message-ID: <3l2814$113g@usenetw1.news.prodigy.com>
Source record: 259529

I will be visting Pittsburgh soon. Can anyone list some frequencies for the Pittsburgh area please ? Also for PA state police, I will be on the turnpike.
Thanks !!!

3959. Re: WishList!

Newsgroup: rec.radio.scanner
Date: 1995-03-25 23:26:37 UTC
From: professr@netaxs.com
Message-ID: <3l28rd$8eq@netaxs.com>
Source record: 259530

RotnApple (rotnapple@aol.com) wrote:
: >I'm am going to buy a ham transciever. I have $600-$800 bucks to spend.

: >I recently purchased a RS PRO-51 Scanner and am dissappointed with it's
: >performance. My question is :

: >If you had to pick any radio in this price range (for free), which one
: >would you get? Please e-mail me so I don't screw up this time. Thanks.

: Need you ask? Just review this group for a month, the AR8000.

: Greg
: RotnApple
: RotnApple

No No NO, I'm looking for a transciever. The AR8000 is a scanner (although
a really nice one). That's not what I'm looking for this time.
Thanks anyway
The Professor
--
=+

I am The Professor, I run The Proessor's Notebook BBS - (215)483-5144
Check out my web page --> http://www.netaxs.com/people/professr

=+=+=+=+=+=+=+=+=+=+=+=+=+tous les opinions sont les miennes=+=+=+=+=+=+=+=+=+=+=+=+=+=+

3960. Re: Rechargable alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-25 23:26:42 UTC
From: ingallsd@iea.com
Message-ID: <3l28ri$n3b@krel.iea.com>
Source record: 259531

In article <3kpulv$nte@pioneer.uspto.gov>, smeier@uspto.gov (Stephen Meier) says:
>
>Are the rechargeable alkalines worth the investment? I've already spent a
>small fortune for an arsenal of the "Millenium" Ni-Cad's. I feel they are
>OK, but for things like flashlights that sit around for 6 months, you still
>can't beat ordinary alkalines.
>
>Is there any difference between an ordinary alkaline and a rechargeable one.
>I think the technology lies in the charger not the battery, but I'm not
>sure.
>
>Any brand name suggestions?
>
Rechargable alkalines can only be recharged 25 times. Their capacity on
the 25th charge cycle is substantially decreased (relative to initial).

Properly maintained NiCad's can easily provide 500+ cycles. The cost of
of NiCad cells is about 2 or 3 times that of rechargable alkaline cells
(can't find my actual price figures right now). So obviously (you do the
math), you will spend substantially (and that's an understatement) more
money using rechargable alkalines than you would using NiCad's.

Using NiCad's does require a small amount of intelligence on the part of
the user (and appearently that task is beyond many in this news group).
The main problem experienced by NiCad users can be avoided by removing
charge current when cells are charged - don't allow them to trickle
charge for extended periods. Also, it is prefered that NiCad's be allowed
to fully discharge occassionally.

As you noted, some applications are more easily accommodated using alka-
line cells. These applications are long standby situations. This is due
to the self discharge characteristic of NiCad's. NiCad's will self dis-
charge (to half capacity in approximately 1 month @ 25 degees C or in
1 week @ 40 degees C.

Good Luck,

Dave KB7ZEK

3961. Digital information prece

Newsgroup: rec.radio.scanner
Date: 1995-03-26 00:00:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <c06_9503300431@chigate.fidonet.org>
Source record: 259542

-=> Quoting Mudaw@uxa.ecn.bgu.edu to All <=-

Mu> The county police where I live have some sort of digital
Mu> information which is transmitted from their car's radio every time
Mu> they transmit. Is anyone familiar with this? What information is
Mu> contained in this signal? (I assume it informs the base station
Mu> which car is calling, and logged into the computer automatically)

You are correct. It is especially useful during an emergency situation, when an officer is down or there is a stuck key, etc. The IL State Police and the Chicago Police use these. Some of these units have come out into the used market, so ham radio operators are picking these up and programming them for the amatuer band.

Mu> Also, what kind of signal is it? It isn't digital like what I am
Mu> familiar with. It doesn't sound like Amateur Packet Radio, which
Mu> sounds like what digital information from you PC sounds like. It
Mu> sounds more like a series of evenly spaced tones, but all of the
Mu> same frequency. So it isn't just a very quick DTMF.
Mu> What is it?

Not sure exactly what it is. I suspect it is a proprietary scheme.

By the way, I also understand that the computer not only logs in the radio that is transmitted, it also logs in the site that the radio accessed. So if there are multiple repeater sites, the closest site that is accessed will be logged into the database.

Jerry

___ Blue Wave/QWK v2.12

3962. Shopping again (scanner s

Newsgroup: rec.radio.scanner
Date: 1995-03-26 00:00:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <c07_9503300431@chigate.fidonet.org>
Source record: 259543

-=> Quoting Rob@cygnus.com to All <=-

Ro> I just had my Bearcat 2500XLT stolen, so I guess I get to shop for a
Ro> new scanner. Does anyone have any thoughts on the new Bearcat 3000 vs
Ro> the AOR ? I saw the Bearcat for $399 at scanner world, I don't think
Ro> any of the AOR scanners are under $600. How is the 3000 better than the
Ro> 2500 ? I really liked the 2500, so I'm considering going with the 3000.
Ro> Computer control would be nice though...

Sorry to hear about the 2500. Although my experience with the 2500, I
would be happy if someone stole it. <g>

In any case, the 3000 is supposed to be alot better than the 2500. If
you can get a copy of the April issue of Monitoring Times, I suggest you
check out the review. The reviewer liked it so much, he bought one for
himself. And, there are several undocumented features that are not listed
in the manual. These include having the display lit up at all times
instead of timing out, changing the delay time from 2 to 4 seconds in DELAY
mode, a disable of sort capability, and the display segment test.

Unfortunately, cellular is blocked, but can be received via the image
method.

From what I hear, EEB has the unit for $369...1-800-368-3270 is the order
line.

Jerry

___ Blue Wave/QWK v2.12

3963. PRO 2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-03-26 00:50:15 UTC
From: Richard <cs5rcs@humus.ucc.hull.ac.uk>
Message-ID: <Pine.SUN.3.91.950326004634.16297B-100000@humus>
Source record: 259532

I have a really mint 2006 for sale - still smells new! Complete with manual and box, etc...

It's illegal to own anything even resembling a scanner in the country that I'm emigrating to, so unfortunately, I can't take it with me.

Well, you can have it for 200 pounds sterling.

Remember, it's as new.

Cheers.

3964. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-26 01:06:50 UTC
From: attgeorgew@aol.com
Message-ID: <3l2ena$kcg@newsbf02.news.aol.com>
Source record: 259534

On 21 Mar 95 01:25pm, ATTGEORGEW wrote to ALL:
A> Not true. The moving source emits a single carrier. Some of that signal
A> is reflected by stationary objects and some of that signal is reflected
A> by the target. Because each of those items is moving at different
A> relative speeds, two different Doppler-shifted signals are reflected.
A> The source again mixes the reflected signals with the transmitted
A> signal to get the difference frequencies. A little signal analysis
A> determines the difference between the two speeds to get the speed
A> of the target.

bill.funk@iotp.com (BILL FUNK) replied:
>That won't work. Unless the stationary source is either dead ahead or
>astern, then the speed of the transmitting vehicle can't be determined with
>any real accuracy, unless the radar unit has a way of inputing the angle
>of the stationary object "off the bow", and they don't.

It *does* work and that is exactly how. There is always a stationary object
dead ahead - the road. Radar units are directional. Thus, objects "off the
bow" have a significantly reduced reflected signal and usually do not
affect the accuracy. There are circumstances where a highly reflective
object (like a metal sign or a truck) "off the bow" can induce an incorrect
reading, but try telling that to the judge.

bill.funk@iotp.com (BILL FUNK) also replied:
>The way I described moving radar was gotten from the Santa Rosa Police (Ca)
>about 15 years ago. This was the only way to get an accurate speed of the
>transmitting vehicle then, and I don't think the technology has changed
>enough for the radar unit to automatically determine the angle (while it
>*IS* possible, and more sophisticated radar units do this all the time,
>space and $ prohibit it's use for traffic law enforcement).
>Interesting.

I no longer have your description so I forget what you said, but what I
vaguely remember that you said the unit transmits two signals - one at
the ground and one at the target. Technically, it transmits only one
signal.

But because that signal takes two paths (to/from a stationary object and to/from the target), you could argue that there are two signals. I'm not sure that I'm contradicting your article; I may just be contradicting your interpretation.

Police radar makes no calculations or adjustments for angles. It works on simple principles and is not very sophisticated. That is was makes it inexpensive enough that every police force can afford one (of course, the way they give out the tickets, you would think that they could afford to mount the Hubble space telescope on every police car). ;)

George

3965. Which RS Scanner to Buy?

Newsgroup: rec.radio.scanner
Date: 1995-03-26 03:07:13 UTC
From: Brian Feeny <sigint@delphi.com>
Message-ID: <ZmyaPKp.sigint@delphi.com>
Source record: 259535

I was wondering if there is ANY RS scanner currently being sold at RS
that can be modified to receive cellular?

I would like to buy a NEW scanner from RS, and I was wondering what the best
one to get would be, celular isnt really THAT important, just would be nice.
I scan al over listening to all kinds of od things, I listen to police,
and the air force, cordles, pagers, business, etc. whats the best bang for the
buck?

Brian
(i am using RS charge, so that is why it must be at RS now)

3966. <Posting> Mil Air Frqs, Northern NY, VT

Newsgroup: rec.radio.scanner
Date: 1995-03-26 04:26:29 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <D615o5.MBA@freenet.carleton.ca>
Source record: 259537
Cross-posted to: rec.radio.scanner,alt.radio.scanner

GRIFFISS AFB AREA FREQUENCIES

133.25 Boston Ctr (Lo) 279.5
135.075 Bos Ctr (Hi) 232.4
284.7 Griffiss ATIS 372.2 Pilot-Dispatcher
118.5 Griffiss Appr (East) 269.5
126.65 Appr (West) 353.6
311.0 Cmnd Pst 321.0 Cmnd Pst
126.65 Tower 289.6
236.6 121.8 Ground
275.8 395.0 Dep
344.6 Metro 228.2 AMC aircraft

MILITARY AERO

228.9 NORAD ME QUE 251.0
256.6 263.6
270.4 274.4
228.6 NORAD ONTARIO 235.9
239.1 239.7
254.4 258.8
261.4 271.0
276.0 278.2
282.6 284.8
288.4 292.4
293.8 309.5 HUNTRESS
318.4 AWACS 328.0
327.6 324.6
282.4 228.7
273.8 ACC SAC FEMA 342.2 ACC (SAC)
321.2 375.7
348.7 Bos Lake George 282.2 Bos Mt Mans
321.3 Bos Turin 323.0
377.1 Bos Massena 360.8 Burl App
283.8 NORAD BoatSail 303.0 NORAD VT ANG
258.8 NORAD 309.5
233.6 318.4 AWACS
251.8 AWACS 303.9
364.2 NORAD Disp 239.8 PBG Metro
372.2 PBG PTD 311.0 Adirondack
321.0 RAYMOND 42 276.5 AR
138.525 Maple Ops 261.8
293.7 255.4 FSS
235.1 A-A (unconf) 282.4 AR (unconf)

324.6 AR 295.8
283.9 318.0 AR (unconf)
238.9 260.2
289.7 293.0
295.4 319.5
319.7 320.9
343.5 348.9

--

3967. Re: Pro-51 codes

Newsgroup: rec.radio.scanner
Date: 1995-03-26 04:41:50 UTC
From: gatorback@aol.com
Message-ID: <3l2rae$nk6@newsbf02.news.aol.com>
Source record: 259538

My brother has a Pro-51 and did a mod for cell by cutting a brown wire.It works
great.He got the info from AOL.

3968. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-26 05:29:04 UTC
From: greg84@aol.com
Message-ID: <3l2u30$oc4@newsbf02.news.aol.com>
Source record: 259539

DONT DO IT!! I had a 43 that had the light burn out. It had the cell mod.
Sent it in and it came back "fixed". Now it is totally unmodifiable and
blocked. They replaced the "third" board (where the CPU and diodes are).
I am considering litigation :(

3969. FOR SALE:AR8000

Newsgroup: rec.radio.scanner
Date: 1995-03-26 05:54:07 UTC
From: ke4cah1@aol.com
Message-ID: <3l2vhv$omg@newsbf02.news.aol.com>
Source record: 259540

AR8000,one month old.No scratches or marks.450.00.
No trades.If interested,e-mail me at KE4CAH1@AOL.COM

3970. Looking for Paul Nash

Newsgroup: rec.radio.scanner
Date: 1995-03-26 06:01:04 UTC
From: hemstree@vcd.hp.com
Message-ID: <hemstree-2503952201040001@b1shvb02.vcd.hp.com>
Source record: 259541

Paul,

I have been trying to get into your web page, but haven't had any
success. Can you send email on your new URL?

Best Regards,
Charles

--

___ Charles H. Hemstreet IV phone: 1-360-212-4490
/ / Software Lab fax: 1-360-212-4154
HEWLETT/hp/PACKARD 18110 SE 34th Street email: hemstree@vcd.hp.com
/__/ Vancouver, WA 98607

3971. Wanted: Computer Interface For Pro2006

Newsgroup: rec.radio.scanner
Date: 1995-03-26 08:21:57 UTC
From: lionsden1@aol.com
Message-ID: <3l3875$q9q@newsbf02.news.aol.com>
Source record: 259545

Wanted: Computer interface for Radio Shack Pro2006 scanner.
Please send internet mail to: lionsden1@aol.com
Thanks.
RC

3972. Wanted: Computer Interface for BC890XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-26 08:50:33 UTC
From: lionsden1@aol.com
Message-ID: <3l39sp$qgm@newsbf02.news.aol.com>
Source record: 259547

Anyone know of a way to hook up a Uniden BC890XLT scanner to
a 486 computer?
Thanks.
Internet = lionsden1@aol.com

3973. Are there Any Mod for RS Pro-38?

Newsgroup: rec.radio.scanner
Date: 1995-03-26 09:10:39 UTC
From: phwong@freenet.vancouver.bc.ca
Message-ID: <3l3b2f$k47@freenet.vancouver.bc.ca>
Source record: 259546

I am looking for any mod for Radio Shack Pro-38 scanners. Please send
me info please. thanks in advance.

--
+---+
| Email from the Beautiful British Columbia, BC, Canada |
| please reply to phwong@freenet.vancouver.bc.ca |
| |
|or send Email to peter wong in |
| PaNorAma Amiga Users Group (604)231-0364 FidoNet 1:153/911 |
| K9Cops BBS FidoNet 1:153/900 |
+---+

3974. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-26 11:31:34 UTC
From: heglowstein@bix.com
Message-ID: <3l3jam$i8@news1.delphi.com>
Source record: 259554

Mike Fink (mikef@anshar.shadow.net) wrote:
: My Lo\Review key has died on my 2006 and it is still under warranty
: will Radio Shack give me any grief because the cell mod diode is
: clipped.

: Thanks
: Mike

: --
: Mike Fink
: mikef@shadow.net
: Support the NRA

According to the local guys here in town, no. There's
supposedly no official policy to restore blocking, but that doesn't
mean it can't happen. At least on the 2006, unblocking it again
is incredibly trvial.

I wouldn't worry about it. When you bring in the radio, make
sure you have them note it on the repair ticket. Unfortunately,
the repair may be to replace the whole keypad and I seriously doubt
that they'll clip the diode on the new one for you.

3975. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-26 11:44:05 UTC
From: darwin@dorite.use.com
Message-ID: <D61pxI.6v5@dorite.use.com>
Source record: 259548

In <3kvn6h$15v@anshar.shadow.net>, mikef@anshar.shadow.net (Mike Fink) wrote:
: My Lo\Review key has died on my 2006 and it is still under warranty
: will Radio Shack give me any grief because the cell mod diode is
: clipped.

The screen on my 34 cracked once and I sent it in (with a cellular mod and I even had a hole drilled in the top where I tried to install a switch - I have a light switch there now.) My understanding at that time is if the mod didn't cause the problem, they still honored the warranty. That doesn't mean that they still feel that way or that every repair shop will feel that way. Why not re-solder the diode before sending it in?

Dishheads, dishheads, roly poly dishheads!
Lick a toad, go to jail.
See Spot run. See Spot Dick Jane.

3976. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-26 13:04:29 UTC
From: tsmith@umassd.edu
Message-ID: <D61tnJ.I7H@umassd.edu>
Source record: 259555

In article <7e5_9503240318@satlink.oau.org>, Scott.Marks%166@satlink.oau.org (Scott Marks) writes:
>They cannot tell, and they don't want you to use cell phones because
>you can use them free because the cell sites skip so often you cannot get
>billed.
>
>.... I have a really good memory, except it's short.
>--
>|Fidonet: Scott Marks 1:363/166
>|Internet: Scott.Marks%166@satlink.oau.org
>|
>| Standard disclaimer: The views of this user are strictly his own.
>| From C.F.Satlink +1-407-240-7781 (ANSI or Vt-100 _required_).

That's bullshit..

3977. **FOR SALE - BC3000XLT**

Newsgroup: rec.radio.scanner
Date: 1995-03-26 13:47:01 UTC
From: b1y1m39@kato.Bell-Atl.Com
Message-ID: <3l3r8l$crf@kato.bell-atl.com>
Source record: 259556
Cross-posted to: alt.radio.scanner,rec.radio.swap,rec.radio.scanner

Uniden BC3000XLT Handheld Scanner in new condition only 1 month old:

- covers 25 MHz to 1.3 GHz
- 400 channels in 20 banks
- Twin Turbo Scan/Search (100/300 ch per second)
- 10 selectable priority channels
- Auto Search/Store
- Weather Search

Comes complete with recharageable battery, AC power adapter, in original shipping box. Never used outside!

The ONLY reason I am selling this unit is because I need the cash for the BC9000XLT base scanner. This is a top performance handheld scanner; the best I ever had!

Price: $350.00

--
==========
Bob Esposito | Voice/Voice-Mail: (610) 278-2595
Bell Atlantic Corp. | E-Mail: b1y1m39@kato.bell-atl.com
Philadelphia, Pa. | AlphaPager: 5511650@skyword.bell-atl.com

3978. AR1000XLT QUERY?

Newsgroup: rec.radio.scanner
Date: 1995-03-26 14:47:42 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3l3uqemat1@adelaide.DIALix.oz.au>
Source record: 259557
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

Hello all

Can anyone please tell me if the AOR1000XLT scanner has EEPROM memory backup?

If I take out ALL the batts and leave it for say 1 year will all the
freqs still be in memory?

Please only reply if you ARE SURE. I dont want to risk losing all my freqs.

Many Thanks

matthew@adelaide.dialix.oz.au

3979. Re: Pro-51 codes

Newsgroup: rec.radio.scanner
Date: 1995-03-26 15:33:27 UTC
From: BobSzabo@ix.netcom.com
Message-ID: <3l41g7$rsd@ixnews3.ix.netcom.com>
Source record: 259558

>
>Mark <hammark@delphi.com> wrote:

>> I don't recall now. I do get plenty of cellular between approx.
>> 900-915mhz.

SAME HERE
>
>Try this. Hold down the 2, 9, Band & and turn the unit on.
>You should see a test display scrolling left to right. Now
>press 2, 9, L/OUT while the unit is on. Now check and see if
>you have the 800 mhz in channel 23.

Can someone please tell me what this means? I have a PRO-51. IT has a code sticker of 7A4 with an orange sticker on the box. I can not get 800Mhz to program in on channel 23 after trying the above mod. Why is this important?

I DO get a lot of cellular calls from 900mhz on up.

Can someone tell me what I am NOT recieving that I could be? Are there 800Mhz freqs. that are blocked out on my scanner? If so can I modify it. Sorry to sound stupid but I am new here. Please post here or send E-mail thanks in advance!

Bob

3980. Mobile Whip for Marine

Newsgroup: rec.radio.scanner
Date: 1995-03-26 16:17:48 UTC
From: delaney@j51.com
Message-ID: <3l443c$4j@tzlink.j51.com>
Source record: 259549

Could someone recommend somewhere with designs for an VHF (150s) marine anttena for my car. 1/4 wave would be ideal. All the mobile antenna articles I've seen just give dimensions for 2 meters, and not the formulas to modify them for high freqs.

Thanks, N2MDB
--
Delaneys' N2MDB/N2MDC delaney@j51.com ax.25: n2mdb@k2sk.#eny.ny.usa.na
PGP key at 'finger delaney@j51.com' http://www.j51.com:80/~delaney
BBS: +1-914-639-6564 TCP/IP Packet BBS: [44.68.64.223] (N2MDB-4)
The opinions written here by ME are MINE, and it is my RIGHT to express them!

3981. Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-26 16:59:41 UTC
From: jwayda@netcom.com
Message-ID: <jwaydaD624JH.BDs@netcom.com>
Source record: 259559

Why would anyone want to monitor fast food drive thru's when there are so many interesting things to monitor. I'll have two Quarter Pounders with cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....

+-jim
jwayda@netcom.com

No flames please, I really do not understand this.

3982. Please repost Federal Gov't freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-26 18:02:55 UTC
From: "Frederick D. Lampman" <ufdl@sunyit.edu>
Message-ID: <Pine.ULT.3.91.950326125802.3983C-100000@pool.info.sunyit.edu>
Source record: 259564

There was an extensive list of Federal Government frequencies that contained such agencies as Border Patrol, Customs, FBI, DEA, ATF, US Marshal and etc. Whoever posted these frequemcies could you PLEASE REPOST them because they were not on that long. Thank You VERY much in advance!

3983. Re: What do you think of the BC200XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-26 18:03:54 UTC
From: joeygrey@delphi.com
Message-ID: <h676H8i.joeygrey@delphi.com>
Source record: 259560

Had mine for approx a year with no problems, Easy to modify for the 800 phone band. I recomend buying an antennia from Radio Shack for the lower frequ., Really makes a difference.

3984. Re: Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1995-03-26 18:06:43 UTC
From: XAGL09A@prodigy.com
Message-ID: <3l4afj$jfi@usenetw1.news.prodigy.com>
Source record: 259561

From what I understand, the Scout is your best bet. I called Opto and they said it reads near field at 75 to 300 feet. It depends on your frequency. You will also need their stubby antenna as well.

3985. ***FULL COVERAGE, AND CELLULAR "UNBLOCKED" FOR SALE...***

Newsgroup: rec.radio.scanner
Date: 1995-03-26 18:45:12 UTC
From: marcelito <argentin@shadow.net>
Message-ID: <Pine.SUN.3.91.950326133912.9955B-100000@anshar.shadow.net>
Source record: 259562

I'm selleing a Icom IC R1 full coverage and 800 mhz cellular unblocked,
for $450 American dollars, and also I'm selling a new frequency counter
with 400 memories from Optoelectronics call Scout, (real cool and
usefull)for $400 USA DOLLARS.
My address : argentin@shadow.net

somos lo que somos, o somos los que estamos, si no somos los que somos,
para que somos los que estamos?
Marcelo O. Guevara

3986. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-26 20:22:12 UTC
From: seguine@sirius.com
Message-ID: <seguine-2603951222120001@slip128.sirius.com>
Source record: 259565

In article <jwaydaD624JH.BDs@netcom.com>, jwayda@netcom.com (Jim Wayda) wrote:

> Why would anyone want to monitor fast food drive thru's when there are so
> many interesting things to monitor. I'll have two Quarter Pounders with
> cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....

Transmitting is a little more fun... Sorry Lady, your about 100lbs over
weight no BigMac for you, how bout a nice green salad?

not that I've actually done this... that would be bad...

.....C$
Christopher Seguine Sublime Films
seguine@sirius.com San Francisco, CA

3987. RE: WHAT SCANNER?

Newsgroup: rec.radio.scanner
Date: 1995-03-26 21:05:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A6334D.059E0004AD.uuout@iotp.com>
Source record: 259550

On 24 Mar 95 02:55pm, MARTIN HYLERSTEDT wrote to ALL:

MH> I'd like to get a scanner in the 50kHz-30MHz range.
MH> Sure, there are many, but are there any in the $100-$150
MH> price range? Can a list of specifications for different
MH> scanners be found anywhere on Internet?

That frequency range is HF, and scanners don't receive exclusively HF. You'd need to get a "full frequency" or some-such named scanner.
Actually, if that band is your main interest (instead of asking what scanners will receive that range), you will be much better served with a short wave receiver.
Actually, any scanner that will cover HF as well as UHF & VHF will do rather poorly on HF compared to even a cheap SWR. Their only advantage is that they will cover all three within one case.

Bill Funk
Internet: bill.funk@iotp.com

... Death is life's way of telling you you've been fired.
* Silver Xpress V4.00 SW12853

3988. Help with the PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-03-26 22:55:03 UTC
From: why?
Message-ID: <why?-2603951655030001@mario01.ppp.ncsu.edu>
Source record: 259567

Ray Rome and Bob have written about some cellular mods for the Pro-51, but they have not worked on my scanner. It is a Pro-51 with 8A4 stamped on the back, and when I perform both of the written mods, my Channel 23 displays 857.2125 and will not access the blocked out freqs. I am assuming I am doing everything correctly: holding down the specified keys, then using "manual" to get to channel 23, then using the up and down arrows to try and find cellular. Please help me, and thanks in advance.

cbabbott@eos.ncsu.edu

Carl

3989. Pro-2027 scanner mods

Newsgroup: rec.radio.scanner
Date: 1995-03-27 00:00:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.3281.1921@tscnet.eskimo.com>
Source record: 259551

```
Date: 01-18-94 (18:41) Number: 1683 of 1737 (Refer# NONE)
To: ALL
From: SCOTT SOUVA
Subj: PRO-2027
Read: (N/A) Status: PUBLIC
Conf: R_Scanners (705) Read Type: GENERAL

Want unrestricted 800MHz operation for the PRO-2027? Move diode D35 to
the D34 slot. D34 is open on USA/Canada models. Be careful soldering
here, the diode is a bit small.

Anyone seen a mod for the PRO-2032? Can it even be fixxed for the
800MHz "business band?"

Scott
---
* The Timex BBS (801) 394-5010 Ogden, Utah Over 23,000 Files
* PostLink(tm) v1.11 TIMEX (#1313) : RelayNet(tm)
================================================================================

I hope the foregoing is of help. I kept the ASCII file as it was and where
it came from in case you might have been interested in it's source.

--------------------------------------------------------------------------------
Internet: ray_reese@tscnet.eskimo.com (Ray Reese)
This message was processed by NetXpress from Merlin Systems Inc.
--------------------------------------------------------------------------------
```

3990. pro-2032:cellular mod?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 00:00:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.3282.1921@tscnet.eskimo.com>
Source record: 259552

```
Radio Shack PRO-2032 Base Scanner
---------------------------------

This scanner is simular to the PRO-2022, but with HyperScan as in the PRO-2006.

Tools Needed:
------------

1. Small-Tip Soldering Iron 2. Small Guage Rosin-Core Solder
3. Desolering Wick 4. A Phillips Screwdriver
5. 1N914 or 1N4148 Switching Diode

Cellular Modification:
---------------------

1. With scanner unplugged, remove both upper and lower covers (four screws in
the rear of the cabinet), taking care not to damage the speaker wires.

2. Set the scanner upside-down with the back facing you. Locate the micro-
processor shield (upper left corner near the volume and squelch controls).
Unsolder and remove the shield.

3. Refer to the diagram and locate the three-legged diode at the lower right
of the microprocessor chip. Carefully unsolder and remove this diode.

4. Refering again to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown (note correct polarity!); remove any excess
leads and carefully solder it in place. Be sure it's leads will not contact
any other components, paths or the reassembled shield. A small piece of
non-conducting tape may be placed on the bottom of the shield if necessary.

5. Plug the scanner into pwer, turn it on and test it by entering 869-894 Mhz
cellular frequency into the scanner.

6. If successful, unplug the power and reassemble the shield and cabinate. The
will now operate normally with no breaks in the cellular telephone band, in
which it will search in 30 Khz steps.

DIAGRAM/LOCATION OF PADS FOR CELL MOD:
--------------------------------------

_______________
[ ]
[ ]
[ IC-6 ]
[ GRE-9108a ]
[ ]
[_____________] Dual Diode D-29
[ ]==
```

Squelch Modification:
---

1. While the scanner is apart, locate the squelch chip IC#3361. Locate, unsolder and remove the surface mount resistor between pins 12 and 14 of the squelch chip. Replace it with a tantalum capacitor, the positive (+) soldered
to pin 14 and the negative (-) to pin 12.

2. Squelch sensitivity will be much improved, with just a slight squelch tail and hysteresis.

---
* Article from: Monitoring Times, June 1994, Page 112, Bob's Tip of the Month *

UPDATE: The World Scanner Report

Squelch Modification:

Remove the surface mount hysteresis resistor from pins 12 and 14 of the MC-3361 NFM Discriminator chip with a 200K trimmer potentiometer. Adjust the pot. to suit your tatse for a tighter squelch.

Excerpt from WSR regarding MT's squelch modification:

"Frankly, I see no point in that approach which would be the same as just removing the resistor altogether. The trim pot will afford you a range of adjustment to suit your preference. Too tight of a squelch is terrible when weak signals are being detected....sounds like a machine gun as the squelch kicks in and out. Also see V1N2P8, V1N4P2 and V4N3P3 for even better squelch mods for the PRO-2032 and most other rigs." However, "This one will get you by, though, if you don't have any higher ambitions".

==========

BTW, I have one and the mod works. However, I did not do the squelch mod 'cause it seems to work fine as it is. If you like to tinker, make the mod and let me know what difference you noticed for yourself.

Internet: ray_reese@tscnet.eskimo.com (Ray Reese)
This message was processed by NetXpress from Merlin Systems Inc.

3991. RE: PRO43 BATT DRAIN?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 00:00:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.3283.1921@tscnet.eskimo.com>
Source record: 259553

The PRO-43 Portable Scanner uses EEPROM for memory/frequency storage.

Internet: ray_reese@tscnet.eskimo.com (Ray Reese)
This message was processed by NetXpress from Merlin Systems Inc.

3992. Modded PRO-43 with LOTS of accessories, GOOD DEAL

Newsgroup: rec.radio.scanner
Date: 1995-03-27 00:04:58 UTC
From: Tim <tmfreeman@delphi.com>
Message-ID: <5u1a3ui.tmfreeman@delphi.com>
Source record: 259570

I have a modded PRO-43 with lots of accessories that I'd like to sell..
As you all know at Radio Shack these things go for a high price and I've tried to tone down the price with "depreciation" and all..

It recieves the entire 800 band, courtesy me, and for the unit itself I'd like to ask 275..
I also have a car adaptor, an AC adaptor, rechargeable batteries, Police Call (MD, PA, DE) and Beyond Police Call (entire USA)..
(I also have a single-ear earphone good for walking around with it hidden)..

For all this, I'd offer 300.. all new the entire package would cost prob a little over 400 ..
If you give me a good reason why it should be lower, mail me, I'm a very negotiable guy..

Mail me if interested, tmfreeman@delphi.com

Thanks
Tim F.

3993. Re: What do you think of the BC200XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 00:34:08 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950326162708.20890C-100000@holmes.ece.orst.edu>
Source record: 259572

On Sun, 26 Mar 1995 joeygrey@delphi.com wrote:

> Had mine for approx a year with no problems, Easy to modify for the 800 phone
> band. I recomend buying an antennia from Radio Shack for the lower frequ.,
> Really makes a difference.

It works great for me. It does have intermod deep in the big cities but
for $200, I couldn't beat it. I still haven't filled all 200 channels.

Gripes:
--Search is a bit slow, I'd like a faster search especially in the 800MHz.
--The LCD light only stay lit for 15 sec (anyone have a mod to keep it on?)
--A bit noisy sometimes.
--Keypad is a little small.

It's not a bad little scanner, especially if you're on a budget. We can't
all afford an AOR.

3994. Re: Help with the PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-03-27 00:44:23 UTC
From: rayrome@aol.com
Message-ID: <3l51p7$77d@newsbf02.news.aol.com>
Source record: 259573

I am just guessing that you are having the problem because your scanner is newer. I am not sure, though. I have read a lot about the code stamped on the back of the PRO-51 through this newsgroup but haven't paid much attention to it because I got mine to work. Hopefully somebody else more knowledgeable will know the answer. Good luck!
Ray R.

3995. pro 46 mods

Newsgroup: rec.radio.scanner
Date: 1995-03-27 02:45:32 UTC
From: atomjax@primenet.com
Message-ID: <3l58sc$dhf@news.primenet.com>
Source record: 259388

Ok I have been through a few archie searches and have dug through some ftp sites and have fond alot of mod files but none on pro46. I would be thankfull if someone e-mailed them to me or told me here where to get them.
Thanx for your help!!!!!

--

"I was passing out, while you were passing out your rules...."
----JAWBREAKER

__ __ ____ ___ ___ ____
atomjax@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___ /

3996. Nassau County Question

Newsgroup: rec.radio.scanner
Date: 1995-03-27 02:51:36 UTC
From: Dick Dillman <ddillman@igc.apc.org>
Message-ID: <APC&1'0'7cbf1eab'ce4@igc.apc.org>
Source record: 259376

I've just returned from a visit to Long Island to see the folks. Naturally I took my PRO-43 along to keep tabs on the happenings in Nassau County. I have a question I hope more frequent listeners to the NCPD can answer. When a car is dispatched to a burgular alarm, the dispatcher advises whether there is a permit in effect. My question: A permit for what?

First I thought it was for the alarm itself. But why would you need such a permit even in up-tight New York, and why would the cop care. Then I thought they were referring to weapon permits. Certainly the cop would want to know about these. But almost every alarm had a permit in effect and that's a lot of guns - for up tight New York. So which is it? Or is there a simple explanation I've missed.

By the way, I grew up listening to the NCPD's KEB-237 when they transmitted around 2.7MHz in the MF range. Anyone else go back that far?

Regards,

Dick Dillman

3997. Preamp for Pro 62

Newsgroup: rec.radio.scanner
Date: 1995-03-27 03:37:30 UTC
From: ao936@yfn.ysu.edu
Message-ID: <3l5btq$hoj@news.ysu.edu>
Source record: 259375

J.C.Whitney advertises "scanner radio preamps" for $54
that are specifically designed to work with hand held
portables. This thing looks like it screws into the
antenna socket and then the radios normal antenna
attaches to the preamp. I have a PRO 62 and would welcome
comments on the worthiness of this preamp for this scanner.

TIA.

Email replies only, please.

Regards,

Tim White

3998. RE: WILL RADIO SHACK REPA

Newsgroup: rec.radio.scanner
Date: 1995-03-27 04:22:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A63502.059E0004B4.uuout@iotp.com>
Source record: 259389

On 26 Mar 95 12:29am, GREG84 wrote to ALL:

G> DONT DO IT!! I had a 43 that had the light burn out. It had the cell mod.
G> Sent it in and it came back "fixed". Now it is totally unmodifiable and
G> blocked. They replaced the "third" board (where the CPU and diodes are).
G> I am considering litigation :(

Hmmm... unusual, to say the least. Radio Shack won't do any repairs that they consider not necessary, especially under warranty, when they foot the bill. Given that, you might ask WHY they replaced the board. You never know, it may be that the bulb wasn't burned out, but rather that there was something on the board that required a replacement. They certainly didn't do it to keep you from tuning the cell frequencies, as that's not a requirement for them, and they are not going to spend money they don't have to to piss you off.
While litigation is certainly an option, it is expensive. And, Radio Shack does reserve the right, under the warranty, to fix or replace at their discretion, so you might not have anything to sue for. Especially since the only difference is your ability to tune to cell phones. While that is not illegal, per se, it *does* lead to listening to cell calls, which *IS* illegal here in the U.S.
Also, Radio Shack would see the replacement of the new board as an upgrade, which would, in their view, enhance the value of the scanner (I know, I know.. I'm just looking at this from all sides), which any court would see in a favorable light.
If you DO decide to try a legal avenue, I'm sure we'd all like to hear of any developments. My thoughts are just that: thoughts. I'm no lawyer.
Good luck!

Bill Funk
Internet: bill.funk@iotp.com

... Tagline Lotto: ��������<- Scratch here to reveal prize.
* Silver Xpress V4.00 SW12853

3999. RE: FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-27 04:22:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A63502.059E0004B5.uuout@iotp.com>
Source record: 259390

On 26 Mar 95 04:59pm, JIM WAYDA wrote to ALL:

JW> Why would anyone want to monitor fast food drive thru's when there are
JW> so many interesting things to monitor. I'll have two Quarter Pounders
JW> with cheese, 2 large fries, and 2 large Cokes. Thankyou drive
JW> through.....

OK, no flames...
How about a Hot Foot?
Anyway, I have friends who ask me why I listen to the police. Even after they hear a high speed chase, culminating in a major accident and foot chase and search involving K-9s, they still didn't want to get involved with listening. Just wasn't their cup of tea.
So, in the same fashion, you don't get turned on by listening to fast food drive-in chatter. Neither do I. But if that's what they want to listen to, let 'em.
While they are counting Big Mac orders, we'll listen to the good stuff! ;-)

Bill Funk
Internet: bill.funk@iotp.com

... File to fit, hammer to suit, paint to hide.
* Silver Xpress V4.00 SW12853

4000. RE: PRO-2006 OR PRO-2035

Newsgroup: rec.radio.scanner
Date: 1995-03-27 04:22:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A63502.059E0004B6.uuout@iotp.com>
Source record: 259391

On 25 Mar 95 09:48pm, ADAM G HUSIK wrote to ALL:

AG> I am about to order my 2006 from Grove as well. I'm not sure if this
AG> will be a problem, however, I live less then .25 miles from my Police
AG> Dept. and they have a large tower outside their building. Could anyone
AG> recommend an antenna for my scanner that may work well considering this
AG> strong nearby station?

Probably a discone would work well. They have zero gain, so one shouldn't
make the situation any worse, while an antenna with gain might.
There's always the ATT switch, too.
How far are other stations?

Bill Funk
Internet: bill.funk@iotp.com

... Just because you're Paranoid, doesn't mean they're not out to get you
* Silver Xpress V4.00 SW12853

4001. Help - Vancouver BC Skytrain Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-27 04:36:26 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.796278986.1103527590.gjacek@yvr.cyberstore.ca>
Source record: 259377

[No readable article body recovered]

4002. HELP - Vancouver BC Skytrain Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-27 04:40:08 UTC
From: Gary Jacek <gjacek@yvr.cyberstore.ca>
Message-ID: <BK.BW.796279208.377401575.gjacek@yvr.cyberstore.ca>
Source record: 259378

Hi

I ride Skytrain (Vancouver BC's Light Rail Transit system) each day to and from work. During the odd trip when Skytrain's computer controlled guidance system takes a powder, (or other bad things happen) my Pro43 lets me know what's afoot.

Sometimes, a Skytrain employee boards the car I am in. Although I I can hear him/her conversing over their radio, I don't have the frequency, because I fail to pick them up. Has anyone taken a frequency counter aboard Skytrain and gotten a more complete list than this?

Vancouver Transit Skytrain Announcement 411.0625

Vancouver Transit Skytrain 29 Stn F1 410.0625

Vancouver Transit Skytrain F3 Police 410.4875

Vancouver Transit Skytrain Security 410.6250

Vancouver Transit Skytrain 431.8875

Vancouver Transit Skytrain 431.6875

Vancouver Transit Skytrain Main Street 460.3375

Vancouver Transit Skytrain W/F Stn F2 410.2875

Vancouver Transit South Ch5 (T5Z) 410.4125

Vancouver Transit 410.7500

Vancouver Transit 410.7750

Vancouver Transit Ch2 (T5Z) 411.0875

Vancouver Transit Ch3,4,6 (RT5Z) (T1A) 410.0875

Vancouver Transit Ch5 Backup 410.1000

Vancouver Transit Downtown Ch 1 (T5Z) 410.7625

Rest assured, a frequency counter is on my Christmas list...

..Gary

Gary Jacek
gjacek@cyberstore.ca

gjacek@freenet.vancouver.bc.ca

4003. Seeking PRO 43.

Newsgroup: rec.radio.scanner
Date: 1995-03-27 04:56:16 UTC
From: toasterlnk@aol.com
Message-ID: <3l5ghg$bnc@newsbf02.news.aol.com>
Source record: 259379

I am interested in buying a Radio Shack PRO 43. I would like to find a modifiable unit, or one that has been modified, as a backup to my Yupi.

I will offer $150 for one (sorry, but I can't go higher). Thanks in advance for those who are interested.

4004. Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-27 05:30:51 UTC
From: adamatt@aol.com
Message-ID: <3l5iib$c9u@newsbf02.news.aol.com>
Source record: 259380

For those wanting to listen in on wireless I was on a TV set the other day and one of the mics they were using transmitted on 181.2 Mhz. I have no clue if this is any help to anyone what-so-ever, but there, I told 'ya anyway. Also, on certain models I noticed that the freq that a wireless was on was printed on the inside of the battery compartment.

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

::::::::::AdaMatt@aol.com:::::::::

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4005. Wanted Mods for PRO2027

Newsgroup: rec.radio.scanner
Date: 1995-03-27 05:38:53 UTC
From: 92003623@white.lambton.on.ca
Message-ID: <3l5j1d$sm5@white.lambton.on.ca>
Source record: 259381

Here you go here are the modifications that you asked for, for the
PRO-2027 scanner and this one works. It will restore your 800 mhz
band (the cellular phone part). And yes this works as well I did it
to mine. All I did was destroy that one part mentioned with a pair of
wire snips as well instead of unsoldering it. It is a surface-mounted
component and is hard to unsolder. That way works as well. Anyways here is
the modification.
Jamie

Here is one that I got from an unknown source. This is done AT YOUR OWN
RISK.

RESTORATION OF CELLULAR FREQUENCIES FOR RADIO SHACK PRO-2027

For those that are interested, the following modification will
enable uninterrupted
reception of the 806MHz - 960Mhz spectrum. This modification may
be useful to those
who use a scanner in conjunction with down converters for
satellite monitoring.

Be advised that this modification enables portions of the 800 Mhz band that
is illegal to monitor under United States Federal law.

With the advertisements out of the way here's how its done.

1. Unplug unit. (Obvious but I must say it.)

2. Remove bottom panel (4 screws)

3. Locate diode D35 located behind the enter key. This is a
surface mounted component
that resembles a tiny black square.

4. Unsolder D35. I prefer to unsolder one leg so that the
original functionality can be
restored for resale. This can be done by gently prying up the
component with a pin or
tweezers while touching one leg with a soldering iron. Don't
apply too much heat a 15 - 20 watt soldering iron is more than
adequate.

5. Button it up and turn it on. No reset is needed.

Jerry

___ Blue Wave/QWK v2.12

4006. Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-27 05:51:14 UTC
From: adamatt@aol.com
Message-ID: <3l5joi$cm6@newsbf02.news.aol.com>
Source record: 259382

I'm looking into getting the Scout from Optoelectronics... Any comments or suggestions?

Thanx,

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4007. Re: Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-27 05:52:28 UTC
From: ad225@detroit.freenet.org
Message-ID: <3l5jqs$2fe@detroit.freenet.org>
Source record: 259384

The wireless mic frequencies vary from area to area. The various
TV stations in a market coordinate which frequencies they use
so as not to interfer with one another while covering the same
story.

Frequencies range from the VHF spectrum, as noted in the previous
posting to the 500 mhz range in the UHF spectrum.

As one might expect, the range for such transmissions is short
because they need only to project the signal from the mic to
the camera which is, of course, always located in close proximity.

Gary Baumgarten
Michigan Public Safety Network
Michigan's most pro-active public safety
notification paging network!
--
Gary Baumgarten
ad225@detroit.freenet.org

4008. Best handheld?!?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 05:52:47 UTC
From: adamatt@aol.com
Message-ID: <3l5jrf$cmv@newsbf02.news.aol.com>
Source record: 259383

What is the very best, top-of-the-line, paramount, superior, dominant,--
Uh, I think you get the picture-- handheld scanner out there?

Thanks for all of your helo and stuff,

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
::::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4009. Re: Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 08:01:25 UTC
From: none@nowhere
Message-ID: <none-2703950015380001@fig-ppp.caltech.edu>
Source record: 259392

smeier@uspto.gov (Stephen Meier) wrote:

> Definitely use the discone! But put it in your attic to prevent lightning
> strikes. Besides, it's more attractive in the attic and who wants to climb
> on their roof.

Putting an antenna in the attic will not *prevent* lightning strikes,
only (greatly) reduce their likelihood. A wood roof with a nice
ground plane in it could be the 'easiest' path.

Even w/o a direct hit, inductive voltages could be enough to fry
something...

- mike

4010. Re: Is this the place for radar detectors???

Newsgroup: rec.radio.scanner
Date: 1995-03-27 08:03:47 UTC
From: none@nowhere
Message-ID: <none-2703950017590001@fig-ppp.caltech.edu>
Source record: 259393

smeier@uspto.gov (Stephen Meier) wrote:

> : others:
> : ... radar detectors ...
> : try rec.autos.*

>
> Radar detectors are receivers, so feel free to talk here too.
>

So are TV's ... should we discuss "I Love Lucy" here too?

Keep it in rec.autos.* ... you'll find a more interested audience.

- mike

4011. Re: Scanner in airline luggage

Newsgroup: rec.radio.scanner
Date: 1995-03-27 08:16:24 UTC
From: none@nowhere
Message-ID: <none-2703950030340001@fig-ppp.caltech.edu>
Source record: 259394

In article <3l1jbu$ln7@nntp.crl.com>, jaylgold@crl.com (Jay Goldberg) wrote:

> These statements always get my curiosity going. I am a pilot and I have
> never had a problem with any scanner interfering with navigational

Same logic as: "I never had a car wreck ... so they do not occur!"

Also, private planes (or military) and commercial have vastly different
electronics.

You seem willing to risk ~200 of other peoples lifes in order to
listen to a few air-ground communications? [I do not care if you
wish to risk your own, just others without their consent].

> I have used a cellular phone, which by the way, don't you wonder why they
> say you can't use your cellular phone due to possible navigational
> interference when they now have cell phones in the back seats which you
> can use your credit card to make phone calls!

1: the phones in the back are NOT cell phones. they work on diff. freq.s
and have been certified safe. they could easily have different IF's
(etc) that are designed not to cause interference.

2: the receive sites know that the phones are 'above' and will not
cause multi-cell disruption which can occur. the handoff (...)
algorithms are different. Other things like power levels and
harmonic tolerances *may* be much tighter.

> Another bunch of crap put out to make money for the airlines!
> WAKE UP AMERICA!

Knowing what you are talking about is useful before calling what
other peoples work crap. Readers with the right backgrounds will
know where the crap is coming from, unfortunately, others may not
and do stupid thiings like use their cellular phones from planes...

> [immpressive(!), but not radio related credentials deleted]

- mike

4012. Motorola HT200 quest.

Newsgroup: rec.radio.scanner
Date: 1995-03-27 09:48:11 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <d14_9503271701@tor250.org>
Source record: 259568

DE>From: delaney@j51.com (Richard Delaney)
DE>Newsgroups: rec.radio.scanner
DE>Subject: Motorola HT200 quest.
DE>Date: 24 Mar 1995 23:11:01 GMT
DE>Organization: TZ-Link, a public-access online community in Nyack, NY.
DE>Lines: 16
DE>Message-Id: <3kvji5$59a@tzlink.j51.com>
DE>Nntp-Posting-Host: j51.com
DE>X-Newsreader: TIN [version 1.2 PL2]

DE>I picked up a Motorola HT200 radio at a hamfest with a charger for a
DE>steal ($5) thinking I could maybe put mu local PD or Ambulance freq in it
DE>(155. or 156. mhz) incase of somesort of life-or-death emerg. Can anyone

Well you just might find uyourself in a heap of trouble for your
troubles. Why not 1) get you ham licence, or 2)get a cell phone for
emerg. You don't even need to activate it.911 works on c-phones without
service.

DE>tell me about this radio, I opened it up and saw a crystal in it for
DE>146.94mhz, was this a ham rig to start, or did someone retune it?
It was proboly a comercially used rig, bought as scrap by a ham and
retuned.

DE>what it is? I can't get it to charge, so I'm going to try feeding power

That's why it only cost you a fiver!

Dan

---
* SLMR 2.1 * prunning of Family Tree's NOT allowed!
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4013. Re: 900 Mhz Panasonic Phone Mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 09:59:51 UTC
From: dcoller@norden1.com
Message-ID: <1995Mar27.095951.22661@norden1.com>
Source record: 259395

There are height restrictions for their use. For example do not use in
aircraft because several cells are activated at once.

Dave

In <henniger.790041229@cisco.com>, henniger@cisco.com (Mickey Henniger) wrote:

>>And always get the base unit as high as possible.
--
dcoller@norden1.com

4014. Any second hand scanners for sale?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 10:35:32 UTC
From: wired@genes.pl.my
Message-ID: <796300532.79snx@genes.pl.my>
Source record: 259399

Anyone selling a cheap, working second-hand handheld scanner which covers all the basic freqs and 806-956MHz?

thnx

4015. Re: Help with the PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-03-27 10:46:00 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2703950545060001@alexander.terranet.com>
Source record: 259396

In article <why?-2603951655030001@mario01.ppp.ncsu.edu>, why? (JakeBlues) wrote:

> Ray Rome and Bob have written about some cellular mods for the Pro-51, but
> they have not worked on my scanner. It is a Pro-51 with 8A4 stamped on
> the back, and when I perform both of the written mods, my Channel 23
> displays 857.2125 and will not access the blocked out freqs. I am
> assuming I am doing everything correctly: holding down the specified
> keys, then using "manual" to get to channel 23, then using the up and down
> arrows to try and find cellular. Please help me, and thanks in advance.
>
> cbabbott@eos.ncsu.edu
>
> Carl

The problem is that your 51 was "fixed" after it was apparent that the
keyboard mod worked on the earlier models. Looks like you're rat shack out
of luck.

--
Michael Alexander

4016. Re: AR1000XLT QUERY?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 10:48:18 UTC
From: michael@alexander.terranet.com
Message-ID: <michael-2703950547240001@alexander.terranet.com>
Source record: 259397
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

In article <3l3uqemat1@adelaide.DIALix.oz.au>,
matthew@adelaide.DIALix.oz.au (Matthew Volkmer) wrote:

> Hello all
>
>
> Can anyone please tell me if the AOR1000XLT scanner has EEPROM memory backup?
>
>
> If I take out ALL the batts and leave it for say 1 year will all the
> freqs still be in memory?
>
>
> Please only reply if you ARE SURE. I dont want to risk losing all my freqs.
>
> Many Thanks
>
> matthew@adelaide.dialix.oz.au

Well, I left mine without the batts in it for a few months and they
remained in eeprom.

--
Michael Alexander

4017. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-27 11:34:03 UTC
From: jcosiman@clark.net
Message-ID: <3l67rb$5rh@clarknet.clark.net>
Source record: 259398

Jim Wayda (jwayda@netcom.com) wrote:
: Why would anyone want to monitor fast food drive thru's when there are so
: many interesting things to monitor. I'll have two Quarter Pounders with
: cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....

We're not really going to re-visit this issue for the umteenth time
again, are we? For chrissake, people with scanners listen to drive
throughs 'cause other people can't. There; it's that simple.

Besides, it really gets interesting when you hear the piece of ass taking
orders talking with her friends how she'd love to bang the dude in the
blue Honda. _This_ is really why I listen. I can only imagine she's
talking about me...

--
+---+
| jcosiman@clark.net |
| ++++++++++++++++++ |
| Finger for PGP public key |
+---+

4018. Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-27 12:25:53 UTC
From: Richard@lowe.demon.co.uk
Message-ID: <796307153snz@lowe.demon.co.uk>
Source record: 259400
Cross-posted to: alt.radio.scanner.uk,rec.radio.shortwave,uk.radio.amateur,rec.radio.scanner

Lowe Electronics now have a home page on the World Wide Web

Its' address is http://www.demon.co.uk/lowe/index.html

At the moment it is not very big, as we have only just taught ourselves to write in HTML ! However, we will be expanding it considerably as time goes on, with the intention of eventually having our entire catalogue of receivers, scanners, ham radio equipment and accessories available on line.

We will also upload onto it technical reviews, articles on antennas, decoding, etc plus in depth reviews (not done by us) of our own receivers.

We welcome any comments from users as to the type of information that you would like to see there as the database slowly builds up.

Thanks for reading this.

Richard McLachlan
Managing Director
Lowe Electronics
UK

4019. Re: milair callsigns

Newsgroup: rec.radio.scanner
Date: 1995-03-27 12:47:58 UTC
From: pittcrew@ix.netcom.com
Message-ID: <3l6c5u$l98@ixnews3.ix.netcom.com>
Source record: 259401

In <3khk62$d1c@roch0.eznet.net> D Stark <dstark@eznet.net> writes:

>
>Here are a couple of "mystery" callsigns heard on UHF aero
>freqs near the US/Canada border in NY state.
>
>BANDSAW OMEGA
>
>NORTHERN LIGHTS
>
>Anybody know who they are?
>
>

You didn't mention what the UHF frequency was. Bill

4020. Ramsey Descrambler ??

Newsgroup: rec.radio.scanner
Date: 1995-03-27 12:58:33 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-270395075421@132.226.103.40>
Source record: 259402

I recently picked up a Ramsey Scrambler/Descrambler kit at a Hamfest. Has anyone had any luck with these items. A few channels I monitor (Public Service bands in the ~155 MHz range) have that "duck-talk" speech effect. Don't want the Ramsey S/D (SS 70) for any fancy or digital, etc., just plain descramble of this "duck-talk". Will I have any luck guys, or will I just learn how to assemble a neat little Ramsey kit.

Any comments on this newsgroup would be appreciated.

Thanks, and Happy Monitoring ......

Joe C.

4021. PHONE-MATE

Newsgroup: rec.radio.scanner
Date: 1995-03-27 13:11:55 UTC
From: charly@xmission.xmission.com
Message-ID: <3l6dir$a7c@news.xmission.com>
Source record: 259403

Hey, I inherited a phone-mate selectable clearline Model no. IQ4210T
Made by Phone-mate Inc. And my question is this "WHAT IS IT ? ".

-thax carlos

4022. Crystals for trade

Newsgroup: rec.radio.scanner
Date: 1995-03-27 13:17:38 UTC
From: robert@eden.com
Message-ID: <3l6dti$j01@boris.eden.com>
Source record: 259404

I need some crystals, I'd like to get: 462.975 467.975 453.450 458.450
465.325 453.775 156.030 153.830

for my Radio shack compatable scanner..

to trade .. I have 154.875 460.275 154.415 162.4 155.280 460.250 155.025
155.340 154.145 155.550 147.09 460.05 154.130 162.0 154.445 460.225
453.000 155.370 or I'll mail you one for $3

4023. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-27 13:59:59 UTC
From: danswan@ix.netcom.com
Message-ID: <3l6gcv$2rh@ixnews4.ix.netcom.com>
Source record: 259405

In <seguine-2603951222120001@slip128.sirius.com> seguine@sirius.com (Chris) writes:

>
>In article <jwaydaD624JH.BDs@netcom.com>, jwayda@netcom.com (Jim Wayda) wrote:
>
>> Why would anyone want to monitor fast food drive thru's when there are so
>> many interesting things to monitor. I'll have two Quarter Pounders with
>> cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....

Becase we can! :->

--
Dan Swander, Columbus, OH danswan@ix.netcom.com
EXPANSION SLOTS: Those extra holes in your belt!

4024. Cobra Mods???

Newsgroup: rec.radio.scanner
Date: 1995-03-27 14:58:57 UTC
From: rockerusa@aol.com
Message-ID: <3l6jrh$gbk@newsbf02.news.aol.com>
Source record: 259410

Can anyone let me know of any mods for cobra SR900 scanner?

thanks,

RockerUSA
RockerUSA

4025. FOR SALE, M-1000 Universal Decoder card for PC

Newsgroup: rec.radio.scanner
Date: 1995-03-27 15:05:30 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950327100241.13793A-100000@umbc8.umbc.edu>
Source record: 259409

The first $110. gets it postage paid. All manual and disks. works great as seen in Popular Comunications.
-G

4026. For Sale, Bearcat 100 XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-27 15:07:43 UTC
From: Greg <gpacho1@gl.umbc.edu>
Message-ID: <Pine.SGI.3.90.950327100552.13793B-100000@umbc8.umbc.edu>
Source record: 259411

$100. bucks postage paid. DIG IT.
-G

4027. Need MediVac Helicopter Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-27 15:10:56 UTC
From: sreider@hamlet.umd.edu
Message-ID: <3l6ki0$j2n@hamlet.umd.edu>
Source record: 259563

I'm looking for the MD Medivac Helicopters Freqs. Any help
is appreciated. By the way any other good MD or Howard County Freqs
would be appreciated. THANKS. Please mail them instead of posting.

4028. Re: Nassau County Question

Newsgroup: rec.radio.scanner
Date: 1995-03-27 15:28:16 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3l6lig$cld@gazette.bcm.tmc.edu>
Source record: 259412

In article <APC&1'0'7cbf1eab'ce4@igc.apc.org>, Dick Dillman <ddillman@igc.apc.org> writes:
|>
|> I've just returned from a visit to Long Island to see the folks.
|> Naturally I took my PRO-43 along to keep tabs on the happenings
|> in Nassau County. I have a question I hope more frequent listeners
|> to the NCPD can answer. When a car is dispatched to a burgular
|> alarm, the dispatcher advises whether there is a permit in effect.
|> My question: A permit for what?

<snip>

Here in Houston we are required to have a alarm permit for home alarm systems, the permit fee is 10.00 per year. If you have a permit and the PD responds to your home you get three freebies for false alarms, if you don't have the permit they nail you for 50.00 for the false alarm and 20.00 for no alarm permit. And they can have your alarm shut off for lack of premit. Our subdivision was anexed on Jan 1, many folks are hot about it, many refused to pay the fee and their systems were de-activated on 3-20-95. HPD send several notifications via the mail to all alarm system owners inb the anexed area.

Over 80% of alarm calls to HPD have been false alarms, they are sick of dispatching units to FA, now the alarm owner has to be a bit more responsible with his or her alarm system.

Im not real happy about the fee but I see their point...

SCAN ON !!!
tim

4029. Re: Columbus, OH Police frequ

Newsgroup: rec.radio.scanner
Date: 1995-03-27 15:29:56 UTC
From: QTEB12A@prodigy.com
Message-ID: <3l6llk$95s@usenetp1.news.prodigy.com>
Source record: 259414

I have the RS Police Call Books. Email me your EMAIL address and I will forward all 20 of them to you.

My Email is QTEB12A @ Prodigy.com

4030. WTB AR 2500 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-27 15:52:00 UTC
From: jberenyi@cc.weber.edu
Message-ID: <27MAR199508525253@cc.weber.edu>
Source record: 259415

If you have one let me know. Can you lock out freqs. when in search mode?

John

4031. Re: Pittsburgh FREQS?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 16:02:31 UTC
From: casato_jc@atc.alcoa.com
Message-ID: <casato_jc-270395104842@132.226.103.40>
Source record: 259416

In article <3l2814$113g@usenetw1.news.prodigy.com>, MCFF21A@prodigy.com (Ed Kukulka) wrote:
>
> I will be visting Pittsburgh soon. Can anyone list some frequencies for
> the Pittsburgh area please ? Also for PA state police, I will be on the
> turnpike.
> Thanks !!!

Now I'm going from my "memory" here Ed, but here goes.

Pgh. Police:

453.10 MHz
453.25
453.40
453.45
453.55
453.95

PA State Police: (Mobile Scanners ARE legal)

PA. Turnpike Operations:

154.755 MHz Aircraft / Radar / Car-to-Car
155.460
159.210

also, 159.000, 159.045, 156.195, 159.075, 156.225 .

The Pa State freqs. are from a list; the Pgh. Police are from my memory.

REMEMBER ....

BUCKLE UP and OBEY OUR SPEED LAWS ... IT'S OK TO MONITOR; NOT TO MASSACRE !!

from a Friend of The Pennsylvania State Police

4032. Re: Mobile Whip for Marine

Newsgroup: rec.radio.scanner
Date: 1995-03-27 16:40:25 UTC
From: rhettw@tyrell.net
Message-ID: <D63vHx.HH5@tyrell.net>
Source record: 259566

> Could someone recommend somewhere with designs for an VHF (150s) marine
> anttena for my car. 1/4 wave would be ideal. All the mobile antenna
> articles I've seen just give dimensions for 2 meters, and not the
> formulas to modify them for high freqs.
>
> Thanks, N2MDB
> --

the FCC does not allow any marine communications from an automobile. It is in fact illegal to transmit on marine frequencies from an automobile. A 2 meter antenna will work well for receiving purposes however.

4033. Pro 46 mods

Newsgroup: rec.radio.scanner
Date: 1995-03-27 16:56:27 UTC
From: rgallim232@aol.com
Message-ID: <3l6qnr$hh0@newsbf02.news.aol.com>
Source record: 259417

I would like to know if there are any mods for my pro-46. If you have any please e-mail me.

Thanks
Ron

4034. Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-27 17:01:11 UTC
From: Vaughan.Huska@odxabbs.tor250.org
Message-ID: <d35_9503272007@tor250.org>
Source record: 259387

Hi ya.

RF mics are not exclusive to the 181.XXX Mhz frequency you quoted. Nor is it exclusive to see the frequency of the TX (mic) pack written on the inside of the battery compartment.

Many of the wireless I use here in Toronto are quite varied. I have used mics in the 180 Mhz range like you have seen. The next day I might be using a kit that is in the 700 Mhz range and still the next day might bring on a kit that that is in the 600 Mhz range. As you can see, there really is no "set" frequency range for RF mics anywhere in North America. It all depends on who is using what and where. And what make and model you like. It's up to your discretion and of course, cost. The higher the frequency, the higher the cost it seems.

Also, the frequencies (sometimes there are 2 for true diversity kits) for TX are sometimes printed right on the TX/mic pack if not on the RX pack itself.

Today I was using a Cetec Vega kit that had the TX/mic pack using 184.3250 Mhz (there I told ya). What do you think your chances are of tuning into a "talking head" next time you're near a TV shoot on that frequency? Damn near nil probably as my Cetec Vega is about 6 years old.

Anyway, they all vary and no two are the same or allocated to one user.

Cheers,

Vaughan
--
| Fidonet : Vaughan Huska 1:250/930
| Internet: Vaughan.Huska@odxabbs.tor250.org

4035. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-27 17:31:22 UTC
From: cwachs@aol.com
Message-ID: <3l6spa$hu8@newsbf02.news.aol.com>
Source record: 259424

Actually, it get fun when you have a transmitter......

Something to do on a rainy day.

4036. Re: Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-27 17:56:42 UTC
From: gordy@gbscomms.win-uk.net
Message-ID: <289@gbscomms.win-uk.net>
Source record: 259569
Cross-posted to: alt.radio.scanner.uk,rec.radio.shortwave,uk.radio.amateur,rec.radio.scanner

In article <796307153snz@lowe.demon.co.uk>, Richard Mclachlan (Richard@lowe.demon.co.uk) writes:
>
>Its' address is http://www.demon.co.uk/lowe/index.html

anyone know how to read info like this if you don't have http access???
How do I do it with email, or is it not possible?

Gordy

--
SIGint, geddit?

4037. Re: Re-Chargeable Alkalin

Newsgroup: rec.radio.scanner
Date: 1995-03-27 18:47:59 UTC
From: domonkos@access.digex.net
Message-ID: <5xiTliubGY86079yn@access.digex.net>
Source record: 259326

FWIW, the Remington NuPower Alkaline battery charger actually does a very good job of rechargin standard alkaline batteries. Not as good as the Renewal system, but if you go on using standard alkalines then the Remington charger would be very handy. Even of you get 5 recharge cycles it still justifies the $10 price at Walmart.

Andy

4038. Re: PRO 2006 For Sale

Newsgroup: rec.radio.scanner
Date: 1995-03-27 18:48:05 UTC
From: domonkos@access.digex.net
Message-ID: <SEjTliubGIqJ079yn@access.digex.net>
Source record: 259327

In article <Pine.SUN.3.91.950326004634.16297B-100000@humus>,
Richard <cs5rcs@humus.ucc.hull.ac.uk> wrote:
>
> I have a really mint 2006 for sale - still smells new! Complete with
> manual and box, etc...
>
> It's illegal to own anything even resembling a scanner in the country
^^
> that I'm emigrating to, so unfortunately, I can't take it with me.

Where you going, the U.S. :-)

>
> Well, you can have it for 200 pounds sterling.
>
> Remember, it's as new.
>
> Cheers.

4039. Re: Rechargable alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 18:48:11 UTC
From: domonkos@access.digex.net
Message-ID: <VGjTliubGULU079yn@access.digex.net>
Source record: 259328

In article <3l28ri$n3b@krel.iea.com>,
ingallsd@iea.com (David J. Ingalls) wrote:
> >
> Rechargable alkalines can only be recharged 25 times. Their capacity on
> the 25th charge cycle is substantially decreased (relative to initial).
>
> Properly maintained NiCad's can easily provide 500+ cycles. The cost of
> of NiCad cells is about 2 or 3 times that of rechargable alkaline cells
> (can't find my actual price figures right now). So obviously (you do the
> math), you will spend substantially (and that's an understatement) more
> money using rechargable alkalines than you would using NiCad's.

....

>

NiCads have a lower nominal voltage (<1.3v) and this can degrade performance
of electronic equipment, unless specifically made to work in a low voltage
environment.

I've always used Nicads until recently. The Renewals are a nice, low
cost alternative to Alkalines and Nicads. Much more predictable to use.
No performance impacts by recharging before discharged, unlike nicads.
Makes topping off before use very convenient.

Andy

4040. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-27 18:50:14 UTC
From: Mike Tighe <tighe@tcst.COM>
Message-ID: <3l71d6$ntu@softserv.tcst.com>
Source record: 259329

attgeorgew@aol.com (ATTGeorgeW) writes:

>>For a car in motion the gun sends out 2 pulses, one a little off to the
>>side of the car to bounce of a stationary object on the side of the road to
>>tell the gun how fast the cop car is moving thus determining the doppler
>>shift caused by the cop car movement. Then the second pulse bounces off
>the target car and that doppler shift and the one from the cop car are
>>mathmatically figured to determine the target car speed.

Actually this is true, some older units (1970's era) did work this way,
emitting two signals. These units were retired because they did not always
work properly (sometimes the signal that was supposed to hit a stationary
target hit a moving one), and gave many false readings.

>Not true. The moving source emits a single carrier. Some of that signal
>is reflected by stationary objects and some of that signal is reflected by
>the target. Because each of those items is moving at different relative
>speeds, two different Doppler-shifted signals are reflected. The source
>again mixes the reflected signals with the transmitted signal to get the
>difference frequencies. A little signal analysis determines the difference
>between the two speeds to get the speed of the target.

None of the 1 signal units I have ever used worked this way. They were
incapable of tracking multiple targets. They worked like a CB radio
receiver, picking up only the strongest signal. That could be a car right
in front of you, or a truck 1/2 mile down the road.

The unit in your example fails for the same reason the 2 signal units did.
How could it differentiate between a stationary object and slow moving one?
It can't. The reason 1 signal units are able to get a readout while in
motion is due to double doppler shift.

>You must have been a radar tech in the military or maritime because you
>don't know squat about how police radar works.

...

>I hope you know more about law enforcement than police radar.

You are coming up a little short on the facts yourself. And there is no
reason to make a personal attack on someone.

Cheers,
--
Mike Tighe
tighe@tcst.com

4041. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-27 18:51:04 UTC
From: Mike Tighe <tighe@tcst.COM>
Message-ID: <3l71eo$o7p@softserv.tcst.com>
Source record: 259330

>>If I'm driving down I-95 with this thing transmitting, assuming it's at the
>>same frequency as Smokey (24.125 GHz), what's it going to show on his unit?
>>Will polarization keep it him from seeing it? Will it act just ike a
>>really strong return, giving him a real good picture of my speed?

>Correct me if I am wrong but I am interpreting this question as "What will
>happen if I transmit a signal at a cop who is using radar on me at the
>exact same frequency?

>Theoretically, several things *could* happen. Practically (i.e.
>statistically) speaking, nothing will happen. Here are the possible
>scenarios:

<scenarios deleted>

No, each vehicle accurately picks up the speed of the other vehicle. This
happens every time a patrol car passes another patrol car, using like
units.
--
Mike Tighe
tighe@tcst.com

4042. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-27 18:57:06 UTC
From: Mike Tighe <tighe@tcst.COM>
Message-ID: <3l71q2$og8@softserv.tcst.com>
Source record: 259332

bill.funk@iotp.com (BILL FUNK) replied:

>That won't work. Unless the stationary source is either dead ahead or
>astern, then the speed of the transmitting vehicle can't be determined with
>any real accuracy, unless the radar unit has a way of inputing the angle of
>the stationary object "off the bow", and they don't.

First, the unit does not disperse too wide a pattern. Units I have used
typically were around 15-20 degrees or so. Second, while you do lose some
accuracy, it is insignificant. Third, angles always favor the target.
--
Mike Tighe
tighe@tcst.com

4043. Re: Ramsey Descrambler

Newsgroup: rec.radio.scanner
Date: 1995-03-27 19:04:40 UTC
From: zuschlag@force.ssd.lmsc.lockheed.com
Message-ID: <3l7289$p62@butch.lmsc.lockheed.com>
Source record: 259333

The newer model, the SS-70, works quite well. It seems to be filtered much better than the previous model (SS-7 I think).

For the application I was using it for, the supplied crystal wasn't precisely where I wanted it; the inversion process took place but it was still a little "high" or "low". By experimenting, it turned out that replacing with xtal with a 4.7500000 MHz one (from R.S. of all places) put it pretty much on target.

Have fun!

Fred
ko4yu

4044. San Antonio listing wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-27 19:06:17 UTC
From: spain@texas.net
Message-ID: <3l72eu$m8r@empire.texas.net>
Source record: 259331

Can someone post or email to me a listing of freqs for San Antonio,
TX? Thanks in advance!

4045. Re: What do you think of the BC200XLT?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 19:16:23 UTC
From: jworth@tyrell.net
Message-ID: <D645JC.JHx@tyrell.net>
Source record: 259571

In <Pine.HPP.3.91.950326162708.20890C-100000@holmes.ece.orst.edu>, brian varine
<varine@ece.orst.edu> writes:
>
>
>On Sun, 26 Mar 1995 joeygrey@delphi.com wrote:
>
>> Had mine for approx a year with no problems, Easy to modify for the 800 phone
>> band. I recomend buying an antennia from Radio Shack for the lower frequ.,
>> Really makes a difference.
>
>It works great for me. It does have intermod deep in the big cities but
>for $200, I couldn't beat it. I still haven't filled all 200 channels.
>
>Gripes:
>--Search is a bit slow, I'd like a faster search especially in the 800MHz.
>--The LCD light only stay lit for 15 sec (anyone have a mod to keep it on?)
>--A bit noisy sometimes.
>--Keypad is a little small.
>
>It's not a bad little scanner, especially if you're on a budget. We can't
>all afford an AOR.
There is a mod to speed up scan times. Mine is double the standard rate. I had
someone do it, so I don't know how it's done.

Jason Worthington
jworth@tyrell.net

4046. Re: Scanner use on airplanes

Newsgroup: rec.radio.scanner
Date: 1995-03-27 20:16:35 UTC
From: dench@cambridge.village.com
Message-ID: <3l76f3$7t@cambridge.village.com>
Source record: 259335

BBerg99828 (bberg99828@aol.com) wrote:
: I used my realistic pro-37 on a plane flight to Florida.. No one said a
: thing to me.
: I had an ear phone so I din't bother anyone. Hell, how do they know what
: your using,
: CD player, walkman, etc......
: You get so many diffrent transmisions from up there. almost too many!!!!!
: just about any freq your on there is somthing.

My favorite scanner/plane trip was flying from Mississippi to Boston last July 4th. Once airborne, I openly listened to my modified Pro-43 through ear-phones and heard a gradual change in regional accents as I flew over site after site of fireworks displays (the most memorable being those on the East River at the UN and then the Boston Pops fireworks to accompany the "1812 Overture").

I had just attended a Goat Roast annual event attended mostly by linguists (from all over the world) who met originally on the Internet (Usenet).

- AOBD

4047. Test (Please disregard)

Newsgroup: rec.radio.scanner
Date: 1995-03-27 20:17:53 UTC
From: bishwa@UWYO.EDU
Message-ID: <1995Mar27.131753.9572@roper.uwyo.edu>
Source record: 259574

Test Message........

4048. CB's

Newsgroup: rec.radio.scanner
Date: 1995-03-27 20:34:44 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3l77h4$lob@gazette.bcm.tmc.edu>
Source record: 259408

Where are the CB channels on a scanner, what freq ?

thanks,
tim

4049. New Decoders from ECI

Newsgroup: rec.radio.scanner
Date: 1995-03-27 20:38:20 UTC
From: pp002904@interramp.com
Message-ID: <3l77me$31c@usenet.interramp.com>
Source record: 259349

ECI makes the Digital Data Interpreter (DDI) which decodes and displays cellular phone data and can be used to control many scanners to allow them to follow calls that change frequency, etc.

They sent me the following info which I am passing along for information. I don't know anything
else about it; please contact Mr. Fischer for additional information. From previous discussions
I've read here in rec.radio.scanner, ECI's pager decoder is supposed to handler the higher baud POCSAG signals that are not handled by the Universal M400.

*** included message follows ***

>>We expect to release RFM-R units, a combined RFM-F and RMF-R unit, and a
>>pager display unit (PDU) in the next few months. All this is hardware.
>>Please diary date May 15th, and email us then if you're interested in any of
>>these new products.

>>Regards,

>>Bill Fischer Email : Bill.Fischer@T8000.com
>>Electronic Countermeasures Inc. Phone : (403) 233-0644
>>65 - 31 Avenue South West Fax : (403) 233-8849
>>Calgary, AB, Canada T2S 2Y7 Cellular: (403) 651-5830

4050. St. Louis Frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 20:41:24 UTC
From: rgross@csc.com
Message-ID: <3l77tk$lpq@explorer.csc.com>
Source record: 259336

[No readable article body recovered]

4051. Scannist WWW page

Newsgroup: rec.radio.scanner
Date: 1995-03-27 21:50:10 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3l7bui$quo@roch0.eznet.net>
Source record: 259413
Cross-posted to: rec.radio.scanner,alt.radio.scanner

My new home page is up and running. It contains useful links to
Internet scanner resources, hot frequency updates, book information.

If you've already found this page prior to March 27, please check
it out again as I made several improvements last night.

The URL is -

http://roch0.eznet.net/~dstark

Enjoy!

4052. AR8000 case in stock?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 22:21:37 UTC
From: rsharp@paul.spu.edu
Message-ID: <3l7dph$7je@adam.spu.edu>
Source record: 259338

Anyone know where I can get an AR8000 case, that currently has them in stock? Grove is out.

4053. Balloon Launch April 8 - Wisconsin

Newsgroup: rec.radio.scanner
Date: 1995-03-27 22:34:29 UTC
From: djmullen@facstaff.wisc.edu
Message-ID: <3l7ehl$2c6@news.doit.wisc.edu>
Source record: 259340

Midwesterners: Here's something different to listen to on your scanners. We expect a 250-400 mile range, depending on how high the balloon gets. The voice signal will be standard narrow band FM. The receiver for the crossband repeater will be a Radio Shack Pro-50 pocket scanner with a rubber duck antenna.

- -

The Badger Amateur Radio Society and the High Altitude Radio Project announce
The Launch of the BARS 1 Weather Balloon

Launch Date: Saturday, April 8, 1995 (Rain dates April 9 and Easter Weekend)
Launch Time: 9:00 - 10:00 AM CDT (14:00 - 15:00 UT)
Launch Site: Hillsboro, Wisconsin (About 20 miles W. of Wisconsin Dells)

ATV transmit freq: 439.25 3 watts Color
GPS/APRS Packet TX: 441.05 2 watts 1200 baud packet
Cross-Band Repeater Output: 439.25 3 watts FM (Same as ATV output)
Cross-Band Repeater Input: Two Meters - frequency to be announced.

Note that the crossband repeater output and the ATV transmitter are on the same frequency. The ATV transmitter's carrier is FM Modulated with the voice signal. The voice and TV signals don't interfere with each other.

This flight will be BARS' entry in the 1995 University of Wisconsin Engineering Expo, a bi-annual display of student engineering prowess that is scheduled for April 21-23 on the University of Wisconsin, Madison campus.

This will be a weather balloon carrying a color TV camera, an ATV transmitter and a crossband voice repeater. The balloon will also carry a Global Positioning Receiver and a packet transmitter that sends lattitude, longitude and altitude in a format that can be used by the APRS packet program to draw a map and plot the balloon's position on it. This will be a standard ASCII packet signal and people without the APRS program can read the balloon's position directly with their regular packet gear. No connects or digipeating through the balloon will be possible.

After the flight, the payload and video tapes of the balloon signals will be displayed at the University of Wisconsin's Engineering Expo, which runs from April 21-23 (the weekend after Easter).

The winds aloft are quite vigorous at this time of the year. Typical wind speeds reach 40 to 100 miles per hour or higher. If the winds are heavy on launch day, we'll try to keep the maximum altitude down to about 50,000 ft to keep the balloon from landing in Lake Michigan. If winds are light, we'll go for 100,000 feet.

Balloon chasers are very much wanted and everybody is invited to join the chase. You don't really need any DF equipment - if you're a hunter with a good pair of boots, you may be worth your weight in gold if the balloon lands in a bad location. People who can climb trees may be just as valuable.

The launch will be announced on the Baraboo 146.88 repeater the morning of April 8th. We expect to do most of the chase-crew co-ordination using the balloon's cross band repeater.

REPly to this message for more information or email me at djmullen@facstaff.wisc.edu

For BARS, Dave, N9LTD

4054. Scanner-$75

Newsgroup: rec.radio.scanner
Date: 1995-03-27 23:34:40 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <3l7i2g$pl9@usenet.INS.CWRU.Edu>
Source record: 259342

Hello.
I am selling a nice Realistic PRO-57 base/mobile scanner.
Covers 30-512mHz, full frequency display, backlit, direct entry p
rogrammable.

Just $75 firm takes it.

4055. Re: Key Research info?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 23:44:49 UTC
From: energy@cphillips.pdial.interpath.net
Message-ID: <3l7igv$3lk@redstone.interpath.net>
Source record: 259344
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

aa024@detroit.freenet.org (Kenneth Vito Zichi) wrote:
>
>Sorry if this is a FAQ, but ....
>Does anyone know the current address (and whether or not
>they're still around!) for Key Research -- the outfit that
>produced a mod for the 2004-5-6 scanners to allow for
>automated search and store functions? A buddy is interested
>so any info you have on this is appreciated.

Yes, Key Research is still around and it's owner, Tom McKee (the name is
a "play" on his last name) is an active member of the
Tarheel Scanner/Shortwave Listening Group.

Key Research
P.O. Box 846
Cary, NC 27512-0846
919-851-2542

==========Opinions expressed are solely those of the author============
Curt Phillips, CEM, KD4YU (ex-WB4LHI| ARRL Life, QWCA, RARS, JARS
North Carolina Division of Energy | Editor, THE EXCITER
Pres- Tarheel AEE; ASHRAE; AIPE | Chairman, Tarheel
ENERGY@cphillips.pdial.interpath.net| Scanner/Shortwave Listening Group
=====Compu$erve:73167,2050===MCIMail:WCPHILLIP===GEnie:C.PHILLIPS======

4056. Re: Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-27 23:47:58 UTC
From: schuster@panix.com
Message-ID: <3l7ire$8pq@panix3.panix.com>
Source record: 259346

In article <3l5joi$cm6@newsbf02.news.aol.com>, AdaMatt <adamatt@aol.com> wrote:
>I'm looking into getting the Scout from Optoelectronics... Any comments or
>suggestions?

An amazing little box. Absolutely revolutionizes the concept of covert
frequency capture. It's expensive but worth it. I've captured sooooo many
unpublished and unknown frequencies by carrying it around: store security
radios, wireless headsets, local paging transmitters, you name it. Just be
warned: the tiny antenna they push is good only on UHF. It's fairly deaf
on VHF-hi and totally deaf below that. Be prepared with a good selection
of single-band duckies to mix and match.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4057. Re: Best handheld?!?

Newsgroup: rec.radio.scanner
Date: 1995-03-27 23:48:54 UTC
From: schuster@panix.com
Message-ID: <3l7it6$8tr@panix3.panix.com>
Source record: 259347

In article <3l5jrf$cmv@newsbf02.news.aol.com>, AdaMatt <adamatt@aol.com> wrote:
>What is the very best, top-of-the-line, paramount, superior, dominant,--
>Uh, I think you get the picture-- handheld scanner out there?
>
>Thanks for all of your helo and stuff,

Warts and all, the concensus now seems to be the AR-8000 from AOR.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4058. Re: PRO-2006 OR PRO-2035

Newsgroup: rec.radio.scanner
Date: 1995-03-27 23:56:51 UTC
From: ahusik@pluto.njcc.com
Message-ID: <3l7jc3$b1d@earth.njcc.com>
Source record: 259385

```
: Probably a discone would work well. They have zero gain, so one shouldn't
: make the situation any worse, while an antenna with gain might.
: How far are other stations?

I live in an area (central NJ) with a very dense spectrum of frequency
use. While there is always NY and Philly stations to monitor, there are
also great airports, fire/police within a 15 mile circle. I'd like to get
great general coverage while not only targetting one specific region.
(I'll have my 2006 in a day).

--

__
/ |
(___| ahusik@pluto.njcc.com
| ) Princeton, New Jersey
| / dam Husik
```

4059. Ny state and canada freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:00:00 UTC
From: Mike.Agner@f1355.n261.z1.fidonet.org
Message-ID: <517_9503300439@woodybbs.com>
Source record: 259418

Hiya Al; I wonder if you could point me in the right direction here. A buddy of mine - a General class ham - is going to Canada at the end of the month via I81 and would like some scanner stuff to listen to on the way. The obvious targets would be NY state police, county fire and possibly some town frequencies as well.
I know that he can carry a mobile scanner since he is a ham but what about Canada? Are there scanner restrictions there? (He is going to Montreal).
He does have an Internet account, so if there is a www page or ftp site he should access for this info, that too would be very useful. Also I see that there is some kind of scanner software (listings??) for PA., and one individual wanted to know if there was something similar for NY. I'd like that info too, if you have it.
Thanks for any help here - I owe you a 6 pack of your favorite tuning oil the next time I see ya, hihi!
73s Mike Agner KA3JJZ

--
|Fidonet: Mike Agner 1:261/1355
|Internet: Mike.Agner@f1355.n261.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4060. Re: Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:00:00 UTC
From: schuster@panix.com
Message-ID: <3laad0$dg5@panix.com>
Source record: 259419

In article <3l9rmm$ap7@anshar.shadow.net>,
Marcelo Guevara <argentin@anshar.shadow.net> wrote:
>
>I have a New Scout 25 model with 400 memories. Asking $500 U.S.A dollars

You must be joking!

That's more than the factory charges for a new Scout with warranty!

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4061. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:00:00 UTC
From: marc_k@escape.com
Message-ID: <3l9evj$ksc@beyond.escape.com>
Source record: 259420

The odds are that R.S. will leave the mod alone, or at worst replace the diode.
But if you are nervous, buy a pack of 1N4148(or 1N914)switching diodes, and replace it yourself.
Note, unlike units like the PRO-43, there is NO way that they can make a 2006 unmodifiable, as there is NO version of this scanner with the "total" lockout.
R.S. discontinued the model instead.

4062. FS: PRO-43 + misc.

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:00:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.3377.1921@tscnet.eskimo.com>
Source record: 259421

I have a friend who is interested in the PRO-43, it's rubber duckie and maybe the discone. However, when I told him you did not have a definate price for the items in your list, he asked me to get your phone number so he can call. Perhaps you and he can work out a deal of some kind.

Internet: ray_reese@tscnet.eskimo.com (Ray Reese)
This message was processed by NetXpress from Merlin Systems Inc.

4063. Modded PRO-43 with LOTS of accessories, GOOD DEAL

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:00:00 UTC
From: ray_reese@tscnet.eskimo.com
Message-ID: <5d.3378.1921@tscnet.eskimo.com>
Source record: 259422

I have a friend who would very much like to acquire your PRO-43 portable unit. If you would please provide a phone number, I can have him call you. His name is John and his phone number is 360-377-7146 in Bremerton WA. It would be best to call during the evening after 6pm West Coast time.

Internet: ray_reese@tscnet.eskimo.com (Ray Reese)
This message was processed by NetXpress from Merlin Systems Inc.

4064. Re: Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:01:59 UTC
From: wiselace@cix.compulink.co.uk
Message-ID: <D64IrB.7oJ@cix.compulink.co.uk>
Source record: 259345

How come this pair of messages are in several conferences ?

Gary Peach G7SLL Jean Peach
Wisdom to perceive Lace the Ultimate thread
Grace to acknowledge Innocuous or Flameproof
------------ NEWBURY Berkshire England ------------

4065. Re: Ramsey Descrambler ??

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:12:54 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <3l7k9t$7ag@ornews.intel.com>
Source record: 259386

In article <casato_jc-270395075421@132.226.103.40>, casato_jc@atc.alcoa.com says...
>
>I recently picked up a Ramsey Scrambler/Descrambler kit at a Hamfest. Has
>anyone had any luck with these items. A few channels I monitor (Public
>Service bands in the ~155 MHz range) have that "duck-talk" speech effect.
>Don't want the Ramsey S/D (SS 70) for any fancy or digital, etc., just
>plain descramble of this "duck-talk". Will I have any luck guys, or will I
>just learn how to assemble a neat little Ramsey kit.

The SS-70 uses speech inversion for scrambling/descrambling. If that's the technique you are hearing, then the SS-70 should descramble it.

I built an SS-70, and it works okay for what it is. I do notice that it injects a signficant amount of white noise into the recovered audio path.

Unless the parts in the kit are defective, the kit should work--it's simple enough. In general, I find that Ramsey kits work if assembled carefully, although they frequently could use some additional optimizing by the kit builder once the primary kit is built. The couple of Ramsey kits I've built (radar gun, FM10A, descrambler) worked once I (carefully) assembled them, but I had to rely on hints from the net and my own construction experience to really wring the best performance from them.

4066. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:30:56 UTC
From: dcomer@mack.rt66.com
Message-ID: <3l7lc0$mle@mack.rt66.com>
Source record: 259356

It's called "gossip". READ MY LIPS "gossip"...

4067. Re: L.A. Area Freq list

Newsgroup: rec.radio.scanner
Date: 1995-03-28 00:43:51 UTC
From: NKHP80A@prodigy.com
Message-ID: <3l7m47$pts@usenetp1.news.prodigy.com>
Source record: 259351

City Of Los Angeles Fire Dept.
>

Your frequencies were OK, but the usage should more correctly state:

F-1 860.9375 OPERATIONS - DIVISION 1 (Central/East/West)
F-2 859.9375 OPERATIONS - DIVISION 2 (South/Harbor)
F-3 858.9375 OPERATIONS - Division 3 (San Fernando Valley)
F-4 857.9375 DISPATCH - EMS (South of Mulholland)
F-5 856.9375 FIRE PREVENTION BUREAU
F-6 860.4375 ADMINISTRATION
F-7 859.4375 DISPATCH - FIRE (South of Mulholland))
F-8 858.4375 DISPATCH - FIRE & EMS (San Fernando Valley)
F-9 857.2375 DISPATCH - ALTERNATE
F-10 856.2375 OPERATIONS - EMS (Citywide)
F-11 860.7625 COMMAND
F-12 858.2375 TACTICAL
F-13 857.4375 TACTICAL

F-14 856.4375
TACTICAL

F-15 859.7625
TACTICAL
F-16 858.7625
TACTICAL
F-17 857.7625 TACTICAL
F-18 856.7625 TACTICAL
119.9750 AIR OPERATIONS

I appeciate your interest in the Los Angeles City Fire Department. Please
contact me whenever I can be of assistance.

PUBLIC REPLIES ONLY PLEASE

Brian Humphrey
Public Information Officer
Los Angeles City Fire Deparment
200 North Main Street, #900
Los Angeles, CA 90012 USA

4068. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1995-03-28 01:14:05 UTC
From: parnass@att.com
Message-ID: <D64M3I.33K@ssbunews.ih.att.com>
Source record: 259358
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: March 27, 1995. |

Lines changed since the previous issue are marked with a |
character in the right margin.

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTES: This article may not be reproduced in whole or in
part on CDROMS, in bulletin boards, networks, or
publications which charge for service without permission of
the author. Free distribution is encouraged.]

This introduction is intended for people new to the
scanning hobby and is oriented to scanning in the USA. It
tells where you can buy your first scanner, what features
it should have, where to get it repaired if required, how
to get frequency information, and mentions a few scanner
clubs worth joining.

The author writes a monthly "Scanner Equipment" column for
Monitoring Times magazine, published by Grove Enterprises,
but views expressed in this article are his own.

Why Scanning?

Every day and night, scanner hobbyists are entertained by
what they overhear on their radios. Police cars, fire
engines, ambulances, armored cars, trains, taxis,
airplanes, and buses are all equipped with radios and you
can listen to them. You can monitor the local sheriff and
fire departments to hear about events "as they happen,"
before the news reporters hear about them. Hostage dramas,
bank robberies, car crashes, chemical spills, tornado
sightings are all fair game. In a single afternoon, you
can hear a high speed police chase, Drug Enforcement agents
on a sting operation, and undercover FBI agents as they
stakeout a suspect.

How about listening to a presidential candidate discuss
strategy with his advisor from a 415 MHz radiophone in Air
Force 1, or a team of G-men protect him while transmitting
in the 167 MHz range?

Baby monitor intercoms are actually transmitters and you
can hear them between 49.67 and 49.99 MHz.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication. A new law outlaws listening to cordless phones, too, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the laws.

It is now illegal for companies to sell recently manufactured scanners which cover or can be easily modified to cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have enacted their own laws against listening to cordless phones. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $9.95 + shipping from Grove Enterprises, PO Box 98, Brasstown, NC 28902.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend Trident nor many of the AOR brand scanners, although the AR8000 and AR3000

have good reputations.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners have larger displays and almost always provide more audio than portables, and some portables are more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band. Usage of the 800 - 950 MHz band is growing fast and you will miss out on the action unless your scanner covers this band.

If you're not sure whether you'll like scanning, don't want to spend much money, a 40 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio specifically designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to many scanner owners.

Almost all low and mid-priced scanners are prone to receiving images -- receiving the same signal erroneously on two or more frequencies. With a few exceptions, images are undesireable due to the interference they cause, e.g.,

hearing aircraft transmissions while the scanner is tuned to the local police frequency. Premium quality scanners use "up conversion" circuitry, a scheme which greatly reduces image reception.

Currently, the more popular scanners include the Uniden/Bearcat BC760XLT (a/k/a 950XLT) and discontinued Radio Shack PRO-2006 base/mobiles, the Uniden/Bearcat BC200XLT (a/k/a BC205XLT), BC220XLT, and Radio Shack PRO-43 portables. A number of owners report problems with the Icom R1 portable and the older Uniden/Bearcat 8500XLT base and 2500XLT portable. The new Uniden replacement models, the BC9000XLT and BC3000XLT, work very well and are my current favorites.

Considered by many as the best scanner ever made, the 400 channel Radio Shack PRO-2006 has recently been replaced by the 1000 channel PRO-2035. The portable Radio Shack PRO-62 is a good performer. All three models employ up conversion and are made for Radio Shack by GRE (General Research Electronics). Both GRE and Uniden make scanners for Radio Shack.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so.

Portable scanners are supplied with a spring shaped antenna, covered by rubber. Although it is small and tolerant of physical abuse, the range of a heliflex antenna is very limited. Augmenting it with a 19" telescoping metal antenna can improve portable reception greatly.

Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801 (recently discontinued), can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be more prone to lightning strikes because they are not at "DC ground."

Coaxial Cable Feedlines

If your antenna installation requires more than 50 feet of feedline, use RG213/U or high quality RG8/U coaxial cable. RG213/U has a non-contaminating jacket and will last longer. Each has an outer diameter of about 13/32". Similarly sized Belden 9913 cable and clones have lower attenuation but are difficult to bend, require special connectors, and can accumulate moisture inside because it they are hollow.

If you must use a small diameter cable for long runs, use RG6/U. Avoid RG58/U (7/32" OD) due to its losses at high frequencies. RG8/X (1/4" OD) is suitable for short patch cords.

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer low end scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200. Telephone (orders only): (800)438-8155.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- The Ham Station, 220 N. Fulton Ave., Evansville, IN 47719-0522. Telephone (800)729-4373, (812)422-0231.

- Marymac Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a 20% restocking fee for returned merchandise. Telephone (800)231-3680 and (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, garage sales, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. By federal regulation, new scanner models cannot be easily modified to tune the cellular phone bands.

Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is Gene Hughes' Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, published by SMB Publishing (now known as Scanner Master Publishing), and available from Grove Enterprises for about $30. A new | 3rd edition is expected in early 1995. Monitor America contains several pages of police, fire, local government,

news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA, tel. (508)655-6300) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. | Published by CRB Research, the 8th edition is available | from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the

US. It works well.

Grove enterprises sells FCC license information on CDROM for $100. The fields are similar to PerCon's Spectrum CDROM, but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and companies across the country, I will locate FCC licensed and selected FAA transmitter sites in an area of your choice, and produce a custom report. To make it easy to locate transmitters, the report includes an 8-1/2" by 11" scaled color map marked with transmitter sites and cities (no streets). I call this innovation RadioMap(TM) service.

It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, near your office, at an airport, and other places of interest -- from VLF through microwave. Industry uses RadioMap reports to survey the "radio environment" prior to installation of radios and wireless microphones at customer sites.

This is completely different from, and independent of the Grove Enterprises CDROM.

Ham radio stations are not listed. The RadioMap report includes frequencies, callsigns, and licensee names. For a flat fee, you choose the center location, and I choose the range, depending on transmitter site density. A 5 mile range (100 sq. mi. area) works well in most suburban areas. In rural areas, ranges of up to 10 or more miles (400 sq. mi. area) are possible, while ranges of 1 to 2 miles produce best results in urban cities, e.g., Manhattan and downtown Chicago.

I will produce custom RadioMap reports for areas in any of the 50 states. Send $25.95 (check or money order) for each RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time. *

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good

judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly

RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio and the Northeastern states, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays, most at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members often sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $15 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Some CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1995. All meetings will be held on Saturdays at locations announced in advance.

February 18, 1995 - Westmont Police Dept.
April 15
June 17
August 19
October 14
December 16

Bring a notebook and your appetite.
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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

4069. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-28 01:14:15 UTC
From: parnass@att.com
Message-ID: <D64M3r.363@ssbunews.ih.att.com>
Source record: 259359
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed March 27, 1995 |

Lines changed since the previous issue are marked with a |
character in the right margin.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in
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the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?"
Scanner enthusiasts can obtain frequency information from
several sources, including books, government microfiche
records, or other listeners.

Books

The most convenient source of fire and police frequencies
is the Police Call Radio Guide, published each year in 9
regional volumes by Hollins Radio Data, and sold at Radio
Shack and larger book stores for under $10. Police Call is
basically a computer printout of FCC license information in
the fire, police, local government, and conservation
services in two lists: by licensee name within state, and
by frequency. Later editions have included a few pages of
local airport and nonsensitive federal government
frequencies.

I highly recommend Richard Barnett's 1992 book, Monitor
America, published by Scanner Master Corp. A 3rd edition |
is expected soon and will be available from Grove |
Enterprises for about $30. This second edition is crammed
full of police, fire, local government, news media, sports,
national park, and commercial broadcast frequencies for all
50 states. The information was compiled mainly from
members of the world's largest scanning club, the Radio
Communications Monitoring Association (RCMA). Monitor
America contains detailed communications system profiles
and precinct maps for major metropolitan areas. Police and
fire radio codes and unit identifiers unique to local
agencies are listed for several cities. This differs from
Police Call, which gives a more sterile, but uniform

treatment of licensees, listing even the smallest of towns. A 3rd edition is expected in early 1995.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $22. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is a good book for this difficult to obtain information.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells information on CDROM for $100 instead. The fields are similar to PerCon's Spectrum CDROM (see below), but the transmitter and licensee location are intermixed which makes query results confusing. The first release has problems with mistakes in the data and documentation, and I look forward to a new release to correct these shortcomings.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100. The new PerCon Spectrum CDROM sells for $29 and contains a handful of fields for every FCC license in the US. It works well.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

As I have already done for dozens of radio enthusiasts and | companies across the country, I will locate FCC licensed | and selected FAA transmitter sites in an area of your choice, and produce a custom report. To make it easy to locate transmitters, the report includes an 8-1/2" by 11" | scaled color map marked with transmitter sites and cities (no streets). I call this innovation RadioMap(TM) service.

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I will produce custom RadioMap reports for areas in any of the 50 states. Send $25.95 (check or money order) for each | RadioMap report, your name, address, and telephone number, along with center location (nearest intersection of 2 streets, or latitude & longitude) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. 708-554-3839 6-10 PM central time. *

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage.

Grove sold this set of 33 microfiche cards for about $13.

Two way radio equipment formerly used by the armed forces often appears for sale at hamfests. Less often, Secret Service and FBI radios appear there from time to time, too. When you see such equipment, look over the radio for a frequency label and write down the frequencies stamped on the crystals or channel elements. Make note of any service or property tags which specify the agency or military base which used the equipment.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road

Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained

radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo or P-Touch tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Another source of frequency information is as close as your nearest Radio Shack store. Some Radio Shack stores make a local frequency list available to assist their scanner customers. Be sure to ask. Stores located in shopping

malls almost always know the mall security frequencies. I often check the frequencies programmed into the floor model scanners, too.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the Radio Shack PRO-2035, ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training

Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200
order line (800)438-8155

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,
Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.
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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

4070. Repair Tips for Bearcat Scanner Radios

Newsgroup: rec.radio.scanner
Date: 1995-03-28 01:14:22 UTC
From: parnass@att.com
Message-ID: <D64M3y.37F@ssbunews.ih.att.com>
Source record: 259423
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

Last changed: January 4, 1995. Lines changed since the |
previous issue are marked with a | character in the right |
margin.

REPAIR TIPS: BEARCAT SCANNER RADIOS

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part on CDROMS, in bulletin boards, networks, or
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the author. Free distribution is encouraged.]

Introduction

The original Bearcat scanner line was manufactured by
Electra of Cumberland, Indiana. In the mid 1980s, Uniden
bought out the Bearcat scanner line and Uniden's first
Bearcat scanner was the 800XLT model.

Most of the models discussed in this article are
base/mobile units made by Electra during the 1970s and
1980s. Electra stamped all of its scanners with a
manufacturing date code on the rear of the cabinet. The
code is comprised of a single character (C = Cumberland,
Indiana, P = Puerto Rico), followed by four digits denoting
year and week the radio was built. For example, "P8422"
denotes the radio was made in the Puerto Rico factory
during the 22nd week of 1984.

Schematics and Parts Available

Schematic diagrams may be obtained from Uniden/Bearcat's
parts department, (317)842-2483.

G & G Communications (telephone 716-768-8151) is a family
owned company which repairs scanners and stocks parts for
several older models, especially Electra/Bearcat and
Regency brands. They are located at 9247 Glenwood Drive,
LeRoy, NY 14482.

Electronic Repair Centers in Franklin Park, Illinois |
(telephone 708-455-5105) has been repairing Bearcat
scanners for several years. They charge a flat $45 repair
rate for programmable and $30 for crystal scanners, and
shipping is extra. Electronic Repair Centers will fix

Regency scanners if they can obtain the parts.

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem.

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In almost a dozen of the BC300 scanners I've fixed, C98, a | capacitor in series with the primary of the switching transformer failed, causing the output of the supply to drop below the level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The

22uF/16V capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I replaced the 22 uF capacitor in the switching power | supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden.

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times.

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints.

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate | pushbutton switch for this purpose. These scanners use a flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two

BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know if this is a common problem.

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition.

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board.

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the two pins with an X-Acto knife fixed the problem.

Other Problems

Complaints of low audio output and occasional microphonics | in two Uniden/Bearcat 800XLTs were caused by a bad 47 ufd electrolytic capacitor in series between the external speaker jack and audio amplifier.
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4071. AOR AR8000 USA dealers

Newsgroup: rec.radio.scanner
Date: 1995-03-28 01:35:40 UTC
From: kupiec@jvnc.net
Message-ID: <D64n3G.Isv@tigger.jvnc.net>
Source record: 259353

Which dealers have lowest price in the USA for a AR8000?

Please email and I'll summarize.

--
Bob Kupiec (N3MML) Phone: 1-609-897-7300 GES, Inc. (JvNCnet)
Systems Engineering -or- : 1-800-35-TIGER 3 Independence Way
Email: kupiec@jvnc.net Fax : 1-609-897-7310 Princeton, NJ 08540

4072. Pro-51 for sale ?'s

Newsgroup: rec.radio.scanner
Date: 1995-03-28 02:08:45 UTC
From: dlmartti@mtu.edu
Message-ID: <3l7r3d$6h4@pace1.cts>
Source record: 259357

I recently saw a Pro-51 scanner for sale for $200. The
seller says that it is cellular modifiable, is this true? Is this a
good scanner, and a good price, or should I wait for a Pro-43? I am new at
scanning and am looking for advice, any of which would be appreciated.

4073. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 02:11:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9503271951465088@ectech.com>
Source record: 259334

D>> invested a small fortune in the "Millenium" Ni-Cad's which are better than
D>> standard Ni-Cad's but are rechargeable alkalines worth the investment?

Do not buy Millennium. They Suck. The don't last as long as the Radio
Shack Rechargables. It's just a big Marketing gimmick. Don't fall for it.
---
* QMPro 1.52 * I have a right to my opinion! I'm right!

4074. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 02:54:32 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3l7tp8$fr3@umcc.umcc.umich.edu>
Source record: 259361

In article <D5zxB5.85B@hamnet.wariat.org>,
Don Ritchie K8ZGW <k8zgw@hamnet.wariat.org> wrote:
>In article <3ktdr0$h28@newsbf02.news.aol.com>,
>Jmmorrison <jmmorrison@aol.com> wrote:
>>It sounds very much like you're describing Digital Voice Protection (DVP).
>>There is no known easy way to decode these transmissions due to the
>>millions (if not more) of possible encryption keys.
>>
>>John M Morrison, Detroit, MI
>
>It's not encrypted, because it doesn't need to be..... It's DIGITAL
>
>Lots of luck listening..... one of these days someone will sell an A to D
>converter, but it will be BIG BUX.
>
>
>--
>
>Don Ritchie K8ZGW Internet: k8zgw@hamnet.wariat.org
>
> Cleveland Hamnet BBS (216) 942-6382

Dan, It's encrypted. You can get A to D and Dto A convertors that aren't
alot of money and build your own decoder. It won't get you anywhere
though because it's also encrypted. Take a look at a Motorola brochure,
if it was just a digital signal not encrypted it would be a piece of cake
to listen. I assure you the feds wouldn't pay that kind of money for the
radios if they weren't encrypted. The encryption scheme can be changed
over the air on some of the newer radios and the older ones are
reprogrammed via the keypad at least once a month. Open any electronics
parts catalog and you can see A-D and D-A convertors are relatively
cheap. The big problem if you were lucky enough to crack the encryption
is it changes and it's against the law to decode it, it's also a Federal law.

Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

4075. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 02:58:06 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3l7tvu$fug@umcc.umcc.umich.edu>
Source record: 259362

In article <213ec.150.01CA182B@3f9y.mdd>, aqlpaqj <213ec@3f9y.mdd> wrote:
>
>>It's not encrypted, because it doesn't need to be..... It's DIGITAL
>
> Here's an interesting phenomenon: I've taken the SABER's my firm uses and
>transmitted directly to my scanner in the same room. I get clear returns on
>several different frequencies, but when I scan those freq's for other SABERs
>at longer ranges, I get nothing. Any ideas?
>
>

Just because you have a Saber doesn't mean it has DVP. DVP is an option
and it's also selectable. You can elect to turn it off or turn it on. The
DVP is an option board not normally installed. Are you sure your radios
have DVP? Was it turned on?
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

4076. Is pro62 RS best?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 03:32:34 UTC
From: Brian Feeny <sigint@delphi.com>
Message-ID: <ps2bPAy.sigint@delphi.com>
Source record: 259325

Is the Pro 62 RS best handheld scanner currently being manufactured?

brian

4077. Secret Service

Newsgroup: rec.radio.scanner
Date: 1995-03-28 03:36:40 UTC
From: spiel@curly.cc.emory.edu
Message-ID: <3l8088$rag@moe.cc.emory.edu>
Source record: 259427

I'm looking for Secret Service freqs for the President's and VP's security details. I would also like any other freqs related to their security. Bill and Al coming to my campus on Thursday, and I would like to listen in. Thanks in advance.

-Stephan

4078. Re: L.A. Area Freq list

Newsgroup: rec.radio.scanner
Date: 1995-03-28 03:59:51 UTC
From: NKHP80A@prodigy.com
Message-ID: <3l81jn$19la@usenetp1.news.prodigy.com>
Source record: 259366

Sorry about the formatting errors!

Brian Humphrey

4079. could anyone recommend a good scanner?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 04:42:39 UTC
From: an187049@anon.penet.fi
Message-ID: <3l845g$2pm@ux1.lmu.edu>
Source record: 259374

I am a novice to scanning and would like to start. i would like to hear all frequencies and cellular. could anyone recommend a scanner and the cost for it?

BTW, where is the FAQ?

4080. RE: FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-28 04:48:55 UTC
From: Keith Wyatt <wyan6jpa@delphi.com>
Message-ID: <pQ363S3.wyan6jpa@delphi.com>
Source record: 259368

I listened to a McDonalds Freq here in town and heard some pretty funny stuff. Whats really great is driving up to the order window with the car wndow rolled up and opening up the vent window saying your order and than changing it. Meanwhile the kid is wondering how you can hear them. This is a college town so a lot of funny stuff occurs.
73, Keith

4081. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-28 04:59:50 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950327203644.2594C-100000@watson.ECE.ORST.EDU>
Source record: 259406
Cross-posted to: rec.radio.scanner,alt.law-enforcement

On 27 Mar 1995, Mike Tighe wrote:
>
> >>For a car in motion the gun sends out 2 pulses, one a little off to the
> >>side of the car to bounce of a stationary object on the side of the road to
> >>tell the gun how fast the cop car is moving thus determining the doppler
> >>shift caused by the cop car movement. Then the second pulse bounces off
> >the target car and that doppler shift and the one from the cop car are
> >>mathmatically figured to determine the target car speed.
>
> Actually this is true, some older units (1970's era) did work this way,
> emitting two signals. These units were retired because they did not always
> work properly (sometimes the signal that was supposed to hit a stationary
> target hit a moving one), and gave many false readings.

Sounds like current police radar to me:-) Woefully inaccurate.

>
> >Not true. The moving source emits a single carrier. Some of that signal
> >is reflected by stationary objects and some of that signal is reflected by
> >the target. Because each of those items is moving at different relative
> >speeds, two different Doppler-shifted signals are reflected. The source
> >again mixes the reflected signals with the transmitted signal to get the
> >difference frequencies. A little signal analysis determines the difference
> >between the two speeds to get the speed of the target.
>
> None of the 1 signal units I have ever used worked this way. They were
> incapable of tracking multiple targets. They worked like a CB radio
> receiver, picking up only the strongest signal. That could be a car right
> in front of you, or a truck 1/2 mile down the road.

Bad News. Some newer units like the Stalker (Ka) and Golden Bear(?) offer
the option of displaying the fastest signal. The gun has an LCD display
and will display 3 speeds (L to R) and the highest speed on the extreme
right. One unit that I don't know the name of display, only displays the
highest speed. I don't know that that technique would hold up in court
though. There are supposed to be a few more units coming that can "track"
multiple vehicles (but still doesn't tell you what or where they are).
Theres also one that will be able to switch from front to rear at the
flick of a switch and occupy only one antenna housing.

One question though is why are LE agencies switching to Ka? The benefit
used to be it's "stealthness" but every detector sold now has Ka on it
(and usually Laser too). So whats the big deal with it. It's
astronomical price? It's "pretty" display?? To me, X-band seems to be the

best band for the cops. It's:

--Cheap (saves us taxpayers $$$)
--Stealth (Yes, stealth. Think about it when your detector goes off in X band you don't know if it's a cop, door opener, burglar alarm, HAM radio, etc.)
--Since it's cheaper, you can add more features like DSP

If it's K band there are two possiblities:
-Cop
-Greyhound bus

If it's Ka there is only ONE thing
-A cop (And since he has Ka, he'll be trying to pay it off)

4082. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-28 05:05:37 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950327210514.2594D-100000@watson.ECE.ORST.EDU>
Source record: 259407

On 27 Mar 1995, Mike Tighe wrote:

> bill.funk@iotp.com (BILL FUNK) replied:
>
> >That won't work. Unless the stationary source is either dead ahead or
> >astern, then the speed of the transmitting vehicle can't be determined with
> >any real accuracy, unless the radar unit has a way of inputing the angle of
> >the stationary object "off the bow", and they don't.
>
> First, the unit does not disperse too wide a pattern. Units I have used
> typically were around 15-20 degrees or so. Second, while you do lose some
> accuracy, it is insignificant. Third, angles always favor the target.

Only in moving mode.

4083. Need Information on VHF Transceiver

Newsgroup: rec.radio.scanner
Date: 1995-03-28 05:23:54 UTC
From: ambrosis@intac.com
Message-ID: <ambrosis-2803950023540001@slip-ppp10.intac.com>
Source record: 259429

I picked up a VHF Transcevier at a grage sale recently. It's a Relm Communications Model PTV56. It has a switch for 6 channels an a 7.2 volt, 700 mah Nicad basttery. If anyone is famillar with these radios I woud appericate any info about it you might have. I presume it works but until I find a charger for it I won't know. I will be looking for one at the hamfest in Trenton NJ this weekend. I would like most to know what frequencies these are usually set for and if they can be changed. Thanks.

JP
ambrosis@intac.com

4084. Re: Austin, TX freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 05:25:42 UTC
From: robert@eden.com
Message-ID: <3l86km$6b3@boris.eden.com>
Source record: 259430

Email me for frequencies... I can send them to you.

Escape (escape@daisy.cc.utexas.edu) wrote:
: Anyone in the Austin, TX area have a list of freqs the wouldn't mind
: forwarding? I seem to remember a list circulating on local BBSs not too
: long ago, unfortunately I haven't kept up with them.

: thanks,
: mike

: --
: |-- | http://www.paranoia.com/~escape/
: |- scape@ccwf.cc.utexas.edu |---
: |-- | You see things as they are and ask, "Why?"
: ------------------------------| I dream things that aren't and ask, "Why not?"

4085. Re: 900 Mhz Panasonic Phone Mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 06:31:21 UTC
From: dcoller@norden1.com
Message-ID: <1995Mar28.063121.16186@norden1.com>
Source record: 259432

There are height restrictions for their use. For example do not use in
aircraft because several cells are activated at once.

Dave

In <henniger.790041229@cisco.com>, henniger@cisco.com (Mickey Henniger) wrote:

>>And always get the base unit as high as possible.
--
dcoller@norden1.com

4086. Mods to BC175XL

Newsgroup: rec.radio.scanner
Date: 1995-03-28 07:51:07 UTC
From: aviate@atlantis.actrix.gen.nz
Message-ID: <D654H7.3MK@actrix.gen.nz>
Source record: 259435

Is ther anybody out there who has performed the mods contained in the mod file for this scanner? I'm not having much luck with one of them to add the extra channels, so any help would be much appreciated..

4087. Re: mobile scanner permits

Newsgroup: rec.radio.scanner
Date: 1995-03-28 08:21:21 UTC
From: davidm@iglou.com
Message-ID: <Bc8dvUHqhJpT082yn@iglou.com>
Source record: 259446

In article <3l24qi$aho@roch0.eznet.net>, D Stark <dstark@eznet.net> wrote:

> davidm@iglou.com (David Michael Moore) wrote:
> >
> > live. But I've not heard of that many entities smaller than "state" that have
> > scanner laws.
>
> Rochester, NY is one city that has a scanner ordinance.

Besides them, I think Beaumont, Texas also has a scanner ordinance. Someone sent me a copy of their law, and I've got it "around here" somewhere. One of these days I'll find what I did with it and make sure that is the correct city.

David
davidm@iglou.com

4088. Re: Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-28 09:01:45 UTC
From: prayson@eltec.win-uk.net
Message-ID: <49@eltec.win-uk.net>
Source record: 259443
Cross-posted to: alt.radio.scanner.uk,rec.radio.shortwave,uk.radio.amateur,rec.radio.scanner
Body handling: HTML body converted to readable text

In article <289@gbscomms.win-uk.net>, Gordon B. Slater (gordy@gbscomms.win-uk.net) writes:
>
>In article <796307153snz@lowe.demon.co.uk>, Richard Mclachlan (Richard@lowe.demon.co.uk)
writes:
>>
>>Its' address is http://www.demon.co.uk/lowe/index.html
>
>anyone know how to read info like this if you don't have http access???
>How do I do it with email, or is it not possible?
>
>Gordy
>
>--
>SIGint, geddit?
>
>

Below is information received from a www email server based in
Eire. Unfortunatly it is in html format, but is still
readable. Does anyone have an html to write,works or
wordperfect (5 or 6) convertor?

73

Peter G8YJZ

WebMail

This is a mail-based server to allow networkers who have only
email access to retrieve documents from the web.

To request a document, send an email message to

webmail@www.ucc.ie

containing the command in the text body:

GO url

where url is the Uniform Resource Locator of the
document you wish to retrieve. For example, to retrieve this document,
send the line

GO http://www.ucc.ie/info/net/webmail.html

Only one request per mail is currently dealt with. This server
cannot handle binary files, so requesting a URL containing
``ftp:'' will likely fail as will requests for images like
GIFs. For ftp-by-mail, use ftpmail@decwrl.dec.com. There is
a size limit of 32786 bytes: files larger than this will not be
returned.

The GO command must start in the first character position on
the line, as must the HELP command which returns this document.

Please refer all problems and suggestions to

pflynn@www.ucc.ie (Peter Flynn)

4089. Scanner books & others FS

Newsgroup: rec.radio.scanner
Date: 1995-03-28 09:17:59 UTC
From: rsharp@paul.spu.edu
Message-ID: <3l8k87$f42@adam.spu.edu>
Source record: 259440

I have only one copy of each title, and they are first come, first serve.

THE BIG BROTHER GAME, Scott French; bugging, wiretapping, trailing, optical and electronic surveillance, surreptitious entry - how to stop it or do it back. Illustrated 237 pages. $20

THE ANARCHIST COOKBOOK, William Powell, drugs, electronics, sabotage, surveillance, natural-nonlethal-lethal weapons, explosives and booby traps, Illustrated 160 pages. $20

HIGH TECH HARASSMENT, Scott French, How to Get Even With Anybody Anytime, Illustrated 155 pages $15

NEO-TECH DISCOVERY, (serial #485PA) "Neo-Tech II Manuscript for the:", Frank Wallace, Neo-Tech/Psychuous Advantages for guilt-free financial prosperity, psychuous pleasures, romantic love. 426 pages. $50

NEO-TECH II (alternatively titled "Psychuous Sex") Information. Frank Wallace, a collection of unbeatable advantages... Hardcover, Illustrated 454 pages. $50

TUNE IN ON TELEPHONE CALLS, 1992 ed. Scanner & short-wave Frequency Directory, Tom Kneitel, Illustrated 160 pages. $10

CONFIDENTIAL FREQUENCY LIST, 8th ed. 1992. Geoff Halligey, Illustrated 544 pages. $20

HOW TO CREATE A NEW IDENTITY, 1993, Illustrated 110 pages $8

THE CRIMINAL USE OF FALSE IDENTIFICATION, Illustrated 192 pages $10

COVERT SURVEILLANCE & ELECTRONIC PENETRATION, William Moran, Illustrated 126 pages $10

HOW TO GET ANYTHING ON ANYBODY, Lee Lapin, State of the art investigative/surveillance techniques from the world's best intelligence organizations. Illustrated 264 pages. $20

EXOTIC WEAPONS, "An Access Book," Michael Hoy, Illustrated 160 pages. $10

SPITE, MALICE, & REVENGE "The Complete Guide to Getting Even, Three Diabolical Volumes inn One" M. Nelson Chunder & George Hayduke, an A-Z collection of every dirty trick in the book. Hardcover, illustrated 523 pages. $25

OUTSIDE THE LAW, "A thief's primer" Bruce Jackson, Illustrated 243 $8

CRIME SCENE AND EVIDENCE COLLECTION HANDBOOK, Department of the Treasury, Illustrated 100 pages. $10

THE LAW ENFORCEMENT HANDBOOK, Illustrated 294 pages. $15

THE BUG IN THE MARTINI OLIVE "And Other True Cases From the Files of Hal Lipset, Private Eye" Patricia Holt, Hardcover 311 pages $15

THE PRETEXT BOOK "Sweet Talking; The PI's Black Book" E. Roy Slade & James R. Gutzs, $20

WHAT THE IRS DOESN'T WANT YOU TO KNOW, 1993, Boardroom Reports, $15

TRICKY TIMES, "The Opportunities, the Traps" Boardroom Reports, Money management, tax strategies, financial planning, insurance dollars, avoiding bank traps, health care smarts, savvy shopping, staying well, sane security options, cutting car costs, IRS tricks and traps, winning for fun. $5

HOW TO STAY AT HOME AND GET PAID $100 OR MORE FOR EVERY BOOK YOU READ, A complete guide that will get you started as a free-lance reader for the publishing industry. $10

HOW TO TRAVEL FREE AND GET PAID FOR IT. an exciting manual that will lead you into the world of planes, trains and cruise ships. $10

HOW TO RECEIVE FREE US GRANTS, Insider Up-to-date money getting information. $10

COMPLETE GUIDE TO US GOVERNMENT JOBS, to get hired by the world's largest employer. $10

COMPLETE GUIDE TO CREDIT REPAIR, will teach you how to fix your credit report, get loans easily, obtain all major credit cards and much more. Use this guide and change your whole life for the better. $10

HOW YOU CAN START MAKING MONEY IN TV, MOVIES AND RADIO, a complete guide that will get you started fast in an exciting new life. $10

HOW TO MAKE UP TO $500 A WEEK OR MORE TYPING AT HOME, complete guide to making money from the comfort of your own home. $10

HOW TO BUY YOUR DREAM HOME FOR LESS, three complete guides in one that will show you how to buy a home for as low as $1.00, never pay rent again, chop your mortgage I half, and much more. $10

HOW TO MAKE MONEY WATCHING TELEVISION, a revolutionary new approach to money making. $10

THE PROFESSIONAL PRIZE WINNERS MANUAL, How to win sweepstakes and contests. Turn a fun hobby into a huge money maker. $10

THE LIVING TRUST FAMILY PROTECTION KIT, Avoid lawyers, courts and probate. The simple, inexpensive alternative to obsolete wills. $10

HOW TO MAKE MONEY WRITING AT HOME, a complete career manual that will get you started as a freelance writer from the comfort of your own home. $10

HOW TO GET EMPLOYERS TO CALL AND GIVE YOU THE JOB YOU WANT, the best and easiest way to get hired. $10

HOW TO MAKE MONEY AT HOME USING YOUR PERSONAL COMPUTER, today's number one home business money-maker. $10

HOW TO MAKE MONEY WITH US GOVERNMENT AUCTIONS AND SURPLUS, the best buy low-sell high information available. $10

HOW TO STAY AT HOME AND MAKE OVER 100 DOLLARS A DAY, 100's of proven ways to make money at home. $10

4090. Re: Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-28 09:41:28 UTC
From: george@golflima.demon.co.uk
Message-ID: <796383688snz@golflima.demon.co.uk>
Source record: 259442
Cross-posted to: alt.radio.scanner.uk,rec.radio.shortwave,uk.radio.amateur,rec.radio.scanner

Congrats to Lowe Electronics; their home page is very interesting and their enterprise is commendable. I, for one, will watch their page with interest.

Russell Lee G6GL e-mail: george@golflima.demon.co.uk
compuserve: 100331.1546@compuserve.com

4091. Pro-43 or Pro-39

Newsgroup: rec.radio.scanner
Date: 1995-03-28 10:34:25 UTC
From: jpelura3@illusion.com
Message-ID: <06607FWPDJUIOQGBRCJ@illusion.com>
Source record: 259444

I had the option of buying a Pro-43 or a -39. I chose the -43.

Was this the right decision as far as a modifiable scanner in concerned?
Which one has more mods?

I have a BC XLT 200 also, so the 800 restore on the pro's would not be my
ONLY concern.
As far as the freq. range goes, I know that the -39 has the 108-something
range but it lacks the 220-512 range of the -43.

Are there any other differences between the pross other than the extra $50
bucks for the -43?

I am open for suggestions, still have about 20 days to return the -43 if I
want to <G>.

John

-> Alice4Mac 2.4.4 E QWK Eval:20Dec94
Origin: Alice strikes back @

4092. Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-28 11:20:53 UTC
From: jjd4048@proto.usa.com
Message-ID: <95Mar28072053.$T105942@IH.USA.Com>
Source record: 259450

I am looking to find out if there are any mods available for Uniden
Model SC 150Y - Sold as the SportCat.

If mods are available, where can I find more info.

Thanks,
John
JJD4048@Proto.Usa.Com
John J. Dick Jr Computer Specialist
Proto-Power Corporation Groton, Connecticut
My opinions are MY opinions (IE: Not theirs)

4093. Scanner Scum

Newsgroup: rec.radio.scanner
Date: 1995-03-28 11:45:36 UTC
From: rarland@news.epix.net
Message-ID: <3l8st0$a30@grape.epix.net>
Source record: 259447

[No readable article body recovered]

4094. RS Pro-2026 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-28 11:48:00 UTC
From: rarland@news.epix.net
Message-ID: <3l8t1g$a30@grape.epix.net>
Source record: 259448

[No readable article body recovered]

4095. RS Pro-2021 Mods

Newsgroup: rec.radio.scanner
Date: 1995-03-28 11:49:31 UTC
From: rarland@news.epix.net
Message-ID: <3l8t4b$a30@grape.epix.net>
Source record: 259449

[No readable article body recovered]

4096. Was my PRO-51 a good choice?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 11:51:36 UTC
From: BobSzabo@ix.netcom.com
Message-ID: <3l8t88$evt@ixnews2.ix.netcom.com>
Source record: 259451

I picked up a Radio Shack Pro-51 and would like to know if this was a good choice.(I know I should have asked first) It was the last one at this store and the demo model. I think I could return it for another if I wanted to. The reason I got this one is they are on sale with $80.00 off. ($219.00) They did have the older models too. The keyboard mod works on my scanner, a 7A4 with an orange dot on the box. Any thoughts on this would be appreciated.

Bob Szabo

4097. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 12:17:13 UTC
From: johnw@right1.right.net
Message-ID: <johnw.796393033@right1>
Source record: 259460

jason.al-shawy@ectech.com (Jason Al-shawy) writes:

>D>> invested a small fortune in the "Millenium" Ni-Cad's which are better than
>D>> standard Ni-Cad's but are rechargeable alkalines worth the investment?

>Do not buy Millennium. They Suck. The don't last as long as the Radio
>Shack Rechargables. It's just a big Marketing gimmick. Don't fall for it.
Seriously? I was gonna get some Milleniums..... How about panasonic?
They any good.... or Ray o Vac?

--
John L. Wilkerson Jr. jwilkers@right1.right.net

4098. Re: CB's

Newsgroup: rec.radio.scanner
Date: 1995-03-28 12:19:39 UTC
From: johnw@right1.right.net
Message-ID: <johnw.796393179@right1>
Source record: 259461

skywalker@dino.qci.bioch.bcm.tmc.edu (T Reynolds) writes:

>Where are the CB channels on a scanner, what freq ?
Sorry to say, CB is not receivable on most scanners. CB is AM around 27 Mhz.
Most scanners do not have the capability to receive that low in freq. or on AM

--
John L. Wilkerson Jr. jwilkers@right1.right.net

4099. Re: Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-28 13:48:46 UTC
From: julian@kesteven.win-uk.net
Message-ID: <583@kesteven.win-uk.net>
Source record: 259454
Cross-posted to: alt.radio.scanner.uk,rec.radio.shortwave,uk.radio.amateur,rec.radio.scanner

In article <289@gbscomms.win-uk.net>,
Gordon B. Slater (gordy@gbscomms.win-uk.net) writes:
> In article <796307153snz@lowe.demon.co.uk>,
Richard Mclachlan (Richard@lowe.demon.co.uk) writes:
>>
>>Its' address is http://www.demon.co.uk/lowe/index.html
>
>anyone know how to read info like this if you don't have http access???
>How do I do it with email, or is it not possible?

Two possibilities...

1. Send email to listproc@www0.cern.ch

in the body of the message, put:

www http://www.demon.co.uk/lowe/index.html

this will return to you the document and a list of all
documents referenced in it .

2. Send email to webmail@curia.ucc.ie

in the body of the message, put:

go http://www.demon.co.uk/lowe/index.html

this will probably mail you the same info, but I haven't
tried it.

N.B. These work with any URL
The URL specified is limited to the followng characters:
0-9 a-z A-Z /:._-+@%*()
Only text contained in the web page will be sent to you,
no graphics.

Hope this helps.

Regards,
Julian.
--
This .sig intentionally left blank

4100. FREQ REQUEST: DeCamp Bus Lines, NJ

Newsgroup: rec.radio.scanner
Date: 1995-03-28 14:09:10 UTC
From: sds910@aol.com
Message-ID: <3l95a6$le@newsbf02.news.aol.com>
Source record: 259455

Help! Need a friendly person to supply freq. info for DeCamp Bus Lines...
I'm a New Yorker who's starting to commute to NJ on a regular basis (and
never needed to buy Scanner Master's NJ Business Directory till now!).

Thanks in advance (hopefully!)

Steve Shorten :)

4101. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-28 14:15:18 UTC
From: powell@chip.itron.com
Message-ID: <3l95ln$orq@itron.itron.com>
Source record: 259337

In article <3l71q2$og8@softserv.tcst.com>, Mike Tighe <tighe@tcst.COM> says:
>
>bill.funk@iotp.com (BILL FUNK) replied:
>
>>That won't work. Unless the stationary source is either dead ahead or
>>astern, then the speed of the transmitting vehicle can't be determined with

I spent a day in a cop car as part of a "observer" program. We spent the day shooting radar beams into speeding cars.
No surprise there, but as we were parked and looking northbound, The cop looked in his inside rear view mirror and then pointed his radar gun into his outside rear view mirror and grabbed a speed from another north bound car. The cop told me that any error would favor the speeder. I never heard of mirror action. Any comments?

Pigman

4102. Re: Is pro62 RS best?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 14:18:30 UTC
From: domonkos@access.digex.net
Message-ID: <eO1UliubGUa7079yn@access.digex.net>
Source record: 259458

In article <ps2bPAy.sigint@delphi.com>, Brian Feeny <sigint@delphi.com> wrote:
> Is the Pro 62 RS best handheld scanner currently being manufactured?
>
> brian

For the money, the Uniden BC3000XLT is the best value/performer.

Andy

4103. hot air balloon freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 14:33:07 UTC
From: dbecker@tiger.lsu.edu
Message-ID: <3l96n3$13b1@tiger1.ocs.lsu.edu>
Source record: 259462

There's alot of hot air ballon festibles in Baton Rouge Louisiana where I go to school does anyone have frrequencies for these conventions or baloons common frequencies? I am also starved for a list of FD freq and Hazardous Incidence teams freqs. thanks for any help.

Dan

4104. Dallas Area Freqs?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 15:00:15 UTC
From: davidw2911@aol.com
Message-ID: <3l989v$3uq@newsbf02.news.aol.com>
Source record: 259241

Looking for updated freqs. For The Colony, Carrollton, and Addison.
If you can help please E-Mail me at Davidw2911@AOL.COM
Thanks.

4105. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-28 15:09:20 UTC
From: jayka0cmu@aol.com
Message-ID: <3l98r0$4fj@newsbf02.news.aol.com>
Source record: 259339

>
>In article <jwaydaD624JH.BDs@netcom.com>, jwayda@netcom.com (Jim Wayda)
wrote:
>
>> Why would anyone want to monitor fast food drive thru's when there
are so
>> many interesting things to monitor. I'll have two Quarter Pounders
with
>> cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....

I used to work for a Private Detective firm. One of my jobs involved the detection of a fast food worker who allegedly did one-hits (drugs) in the bathroom during break. I had my scanner tuned in to the wireless and knew when the person went on break. Thank goodness she wasnt doing one-hits, it turned out that someone was mad at her and spread some rumors. Fun time it was though with our "advantage."

Jay

4106. Re: How do "center load" antennas work?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 15:25:49 UTC
From: naus@xi.cs.fsu.edu
Message-ID: <3l99pt$ns2@mailer.fsu.edu>
Source record: 259240

Bruce Hallman (deadfish@netcom.com) wrote:
: Would someone please tell me how to adjust my telescoping "Radio Shack"
: center load antenna for use with my hand held scanner, to optomize
: reception for the different common frequencies?

From the RS document:
25-136 MHz Extend all nine sections
138-174 MHz Extend only top four sections
220-900 MHz Extend only 1 to 3 lower sections

The adjustment is most crucial for transmitting. I normally only use the antenna in two different ways. Below 220 Mhz I extend all sections. Above that freq I only pull all the lower sections out. I find that extending all the sections works better than just the top four in the 138-174 range.

---------------==
------------========== | naus@cs.fsu.edu
----------=========== James | naus@freenet.fsu.edu
----------=========== |-------------------------------------
----------=========== Naus | Florida State University
------------========== | Tallahassee, Florida USA
---------------==

4107. Need PGA Tour Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-28 16:13:11 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <1736F9DC7S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 259242

Would appreciate any source of information on frequencies used by the
PGA (Men's) Golf Tour or by CBS Sports used for golf coverage.

4108. Re: FREQ REQUEST: DeCamp Bus Lines, NJ

Newsgroup: rec.radio.scanner
Date: 1995-03-28 16:16:09 UTC
From: scan911@aol.com
Message-ID: <3l9co9$61r@newsbf02.news.aol.com>
Source record: 259341

QUOTING sds910@aol.com (SDS910)....

>>>Help! Need a friendly person to supply freq. info for DeCamp Bus
Lines...
>>>I'm a New Yorker who's starting to commute to NJ on a regular basis
(and
>>>never needed to buy Scanner Master's NJ Business Directory till now!).

Almost all the commuter bus lines in New Jersey operate on NJ Transit's
trunked 800 MHz system. It's a statewide system usually in place at the
NJ State Police towers. You'll hear a lot of comms on those channels if
all you want to hear is DeCamp....

Scanner Master has the freqs you need.....(800) SCAN-701.

|
|
' --|--
/|\
' ___|_____________
| Chuck Gysi, N2DUP |
| SCAN911@aol.com |

Come visit in phl.scanner for the latest scanner news in
the GREATER PHILADELPHIA area!

4109. Re: How do "center load" antennas work?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 17:00:16 UTC
From: horak@convex.com
Message-ID: <3l9fb0$845@eugene.convex.com>
Source record: 259246

In <3l99pt$ns2@mailer.fsu.edu> naus@xi.cs.fsu.edu (James Naus) writes:

>Bruce Hallman (deadfish@netcom.com) wrote:
>: Would someone please tell me how to adjust my telescoping "Radio Shack"
>: center load antenna for use with my hand held scanner, to optomize
>: reception for the different common frequencies?

> From the RS document:
> 25-136 MHz Extend all nine sections
> 138-174 MHz Extend only top four sections
> 220-900 MHz Extend only 1 to 3 lower sections

>Below 220 Mhz I extend all sections. Above
>that freq I only pull all the lower sections out. I find that extending
>all the sections works better than just the top four in the 138-174 range.

I've found that for the NOAA weather station (162.400), extending the
entire antenna, then collapsing the first section directly above the
coil works best. Try experimenting with collapsing that section while
listening to 6 meters and NOAA and you'll get a feel for it.

==============================(An average SIG)==================================
| |
| horak@convex.com - ~ (An average address) |
| N5OFQ o O (An average call) |
| David Horak '' (Not an average Dave) |
| Plano, Texas /======\ (Not an average plain-O town :-) |
| |
==============================(An average SIG)==================================

4110. Re: Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-28 17:00:41 UTC
From: adamatt@aol.com
Message-ID: <3l9fbp$6r1@newsbf02.news.aol.com>
Source record: 259245

Thanks for the advice... I went out and got the scout yesterday. I got their little stubby antenna that they said was so great... Have any suggestions on any others?

Thanks a lot,

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
::::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4111. RS pro62 for sale! CHEAP!

Newsgroup: rec.radio.scanner
Date: 1995-03-28 17:04:08 UTC
From: gt6444c@prism.gatech.edu
Message-ID: <3l9fi8$ifa@acmex.gatech.edu>
Source record: 259247

Hello,

I have a RS pro62 (mint condition) for sale. I have the original box.
Enough said. (except price) How about $175 +shipping?
Chip
gt6444c@prism.gatech.edu
--
Chip Edwards (gt6444c@prism.gatech.edu)
Georgia Institute of Technology, Atlanta Georgia, 30332
uucp: ...!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!gt6444c
Internet: gt6444c@prism.gatech.edu

4112. Re: Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-28 17:04:44 UTC
From: adamatt@aol.com
Message-ID: <3l9fjc$6t4@newsbf02.news.aol.com>
Source record: 259248

I didn't quote that the mics were "exclusive" to that band, I was merely suggesting a certain frequency range to look in when trying to find wireless freqs.

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

::::::::::AdaMatt@aol.com:::::::::

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4113. Scout antenna

Newsgroup: rec.radio.scanner
Date: 1995-03-28 17:09:44 UTC
From: adamatt@aol.com
Message-ID: <3l9fso$6vl@newsbf02.news.aol.com>
Source record: 259343

Hi all, I just purchased the new Scout from Optoelectronics. I let them talk me into gettin that little stubby antenna that they show in all their advertisements. Needless to say, it SUCKS!! Anybody know of any good multiband antenna(s) that I could use?

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
::::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4114. Scanner Books for sale:

Newsgroup: rec.radio.scanner
Date: 1995-03-28 17:20:45 UTC
From: rsharp@paul.spu.edu
Message-ID: <3l9ghd$i6m@adam.spu.edu>
Source record: 259249

I have only one copy of each title, and they are first come, first serve.

THE BIG BROTHER GAME, Scott French; bugging, wiretapping, trailing, optical and electronic surveillance, surreptitious entry - how to stop it or do it back. Illustrated 237 pages. $20

THE ANARCHIST COOKBOOK, William Powell, drugs, electronics, sabotage, surveillance, natural-nonlethal-lethal weapons, explosives and booby traps, Illustrated 160 pages. $20

HIGH TECH HARASSMENT, Scott French, How to Get Even With Anybody Anytime, Illustrated 155 pages $15

TUNE IN ON TELEPHONE CALLS, 1992 ed. Scanner & short-wave Frequency Directory, Tom Kneitel, Illustrated 160 pages. $10

CONFIDENTIAL FREQUENCY LIST, 8th ed. 1992. Geoff Halligey, Illustrated 544 pages. $20

COVERT SURVEILLANCE & ELECTRONIC PENETRATION, William Moran, Illustrated 126 pages $10

4115. RE-Central Ny Freq

Newsgroup: rec.radio.scanner
Date: 1995-03-28 17:48:42 UTC
From: k2g@aol.com
Message-ID: <3l9i5q$7kc@newsbf02.news.aol.com>
Source record: 259348

I need Central Ny Freqs. I have all public safty freq but would
appreciate a list of business and there freq...

Also, any freq in the 800mhz band would be greatly appreciated

4116. BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-28 18:29:37 UTC
From: jbs@vetmed1.vetmed.ufl.edu
Message-ID: <3l9kih$cms@huron.eel.ufl.edu>
Source record: 259350

I have seen several posts by people saying that the 8500XLT is
not modifiable. Well I have news for ya. It is modifiable, I
have done two of them. Continuous coverage, direct keyboard
entry, etc etc etc. You don't lose any features either!
No external converters or whatever...
But it isn't just an easy open, clip, done mod. I posted this
message about a year ago, but didn't really get any response.

Maybe I should see if one of the mags wants to print it?

4117. Improve the Squelch in Your Monitor Receiver

Newsgroup: rec.radio.scanner
Date: 1995-03-28 18:32:16 UTC
From: parnass@att.com
Message-ID: <D65y5s.Bp4@ssbunews.ih.att.com>
Source record: 259445
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

last changed December 21, 1994 |

IMPROVE THE SQUELCH IN YOUR MONITOR RECEIVER

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author.]

The squelch control in some FM monitor receivers is difficult to use because of too much hysteresis. The American Heritage Dictionary of the English Language defines hysteresis as the:

o "Failure of a property changed by an external agent to return to its original value when the cause of the change is removed."

It's like having play in a car's steering wheel, or backlash in a gear set. Too much hysteresis in a squelch circuit forces one to keep the squelch at a tighter setting, missing weaker signals when scanning or searching. The squelch hysteresis problem was first addressed in a 1984 article about the Radio Shack PRO-24 crystal controlled scanner.

Why do engineers design these circuits with any hysteresis? Basically, hysteresis prevents weak signals from "popping" the squelch open and closed rapidly, which would be very annoying to the listener. A squelch circuit with hysteresis requires a stronger signal to open the squelch than it does to keep it open.

Models cursed with too much hysteresis include the Uniden/Bearcat 800XLT and 760XLT, Radio Shack PRO-2003, PRO-2004, and others. Don't despair, the fix is simple for most radios. I've successfully reduced the squelch hysteresis by replacing a single resistor.

Hysteresis is usually implemented by providing feedback from the squelch gate input to output, through a resistor. The higher the resistor value, the less feedback there is, and less hysteresis. My modification involves replacing the "stock" resistor with a higher value resistor, as

identified in the table below.

This article cannot provide step-by-step instructions for each radio. I always encourage radio hobbyists to purchase the service manuals for their equipment. The most useful sections of the manual are the schematics and printed circuit diagrams. Good manuals will also describe the theory of operation and alignment procedures, and contain a complete parts list.

If your radio has too much hysteresis, and is not listed in the table, study the service manual. Motorola MC3357, MC3359, and MC3361 integrated circuits, which contain IF and squelch circuitry, are popular in scanners. In these receivers, look for the hysteresis resistor to be connected to these ICs.

Notes

1. The author cannot furnish modification information for other radios.

2. Don't attempt this, or any other internal modification, unless you are skilled in electronic servicing.

3. Make sure your receiver is disconnected from any power source before opening the cabinet.

Table 1. Squelch Hysteresis Resistor In Selected Receivers

Squelch Hysteresis Resistor In Selected Receivers		
Receiver	Res-istor Value	Stock Comments
Radio Shack PRO-24	R35 33K	replace with 220K. Located between pins 12 and 14 of MC3357 (IC1)
Radio Shack PRO-2002	R197 47K	try 220K.
Radio Shack PRO-2004	R148 47K	remove R148 or replace with 220K. On linear board, between pins 12 & 14 of TK10420 (IC2)
Radio Shack PRO-2022	33K	replace 33K with 220K. Between pins 12 & 14 on IC-1 MC3361
Radio Shack PRO-2035	100K	replace 100K

	with 220K.
	Between pins 12 & 14
	of TK10420 (IC-2)
Electra/Bearcat 220	R75 2.7M may be ok as is
Electra/Bearcat 20/20	R75 2.7M may be ok as is
Electra/Bearcat 250	R66 2.2M may be ok as is
Uniden/Bearcat 760XLT	R58 22K replace with 6.8K
	or other value.
	(select value for
	the particular radio.)
	Located on pin 14
	of MC3359P IC
Uniden/Bearcat 800XLT	R91 860K replace with 2.2M.
	Located on pin 14
	of MC3359P IC
Plectron P1	R81 180K may be ok as is
Plectron 700	R96 180K replace with 560K
_____	_____

References

1. "The Radio Shack PRO-24 Scanner," by Bob Parnass, excerpted in the "Technical Topics" column, RCMA Newsletter, February 1984.

2. "The Bearcat 800XLT ... an Owner's Report," by Bob Parnass, in Monitoring Times, March 1986.

3. "Product Review: The Radio Shack PRO-2004 Programmable Scanner," by Bob Parnass AJ9S, in The Radio Enthusiast, February 1987, and Monitoring Times, March 1987.

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AT&T Bell Laboratories - parnass@att.com - (708)979-5414

4118. Re: CB's

Newsgroup: rec.radio.scanner
Date: 1995-03-28 18:58:16 UTC
From: heglowstein@bix.com
Message-ID: <3l9m88$6m7@news2.delphi.com>
Source record: 259352

T Reynolds (skywalker@dino.qci.bioch.bcm.tmc.edu) wrote:
: Where are the CB channels on a scanner, what freq ?

: thanks,
: tim

They're AM frequencies between 26 and 28 MHz. Most low- to mid-range
scanners won't pick it up.

4119. Re: How do "center load" antennas work?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 19:00:11 UTC
From: horak@convex.com
Message-ID: <3l9mbr$eoj@eugene.convex.com>
Source record: 259354

In <3l9fb0$845@eugene.convex.com> horak@convex.com (David Horak) writes:

>Try experimenting with collapsing that section while
>listening to 6 meters and NOAA and you'll get a feel for it.

Perhaps I should clarify this. If that section is collapsed while listening to 6 meters, you'll notice degradation. While listening to NOAA, you'll notice improvement.

David (not your average Dave)

4120. Re: HELP - Vancouver BC Skytrain Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-28 19:19:22 UTC
From: jaynorth@Direct.CA
Message-ID: <3l9nfq$sn8@fun.Direct.CA>
Source record: 259355

>Hi
>
>I ride Skytrain (Vancouver BC's Light Rail Transit system) each
>day to and from work. During the odd trip when Skytrain's computer
>controlled guidance system takes a powder, (or other bad things
>happen) my Pro43 lets me know what's afoot.
>

Check out Comm West Radio Systems in Vancouver. Located 1 block
south of Marine Drive & 1 block West of Main street. Purchase
British Columbia Emegency Radio Frequency Directory.
91 Pages of local freqs and all BC tranist freqs you would ever
need.

4121. Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-28 19:58:02 UTC
From: zimm@cybernetics.com
Message-ID: <3l9poa$50k@news0.cybernetics.net>
Source record: 259360

I intercepted traffic from Air Force 2 on 415.700MHz. AF2 was calling *Royal Crown*. They sent tones to each other, that sounded like two modems handshaking. AF2 had a poor copy on Royal Crown and they were unable to get the tones to work. AF2 said "I certainly don't want *Sundance* not getting this call". Anybody have any idea who *Royal Crown* is and who *Sundance* is? Finally after about 30 mins. of trying the tones,they gave up on it.

4122. HELP? NEED INFO ON AR1000XLT ?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 20:04:28 UTC
From: jbo@plantwo.byu.edu
Message-ID: <jbo-2803951304280001@128.187.12.183>
Source record: 259367

IS THIS A GOOD, RELIABLE USED SCANNER? HOW MUCH WOULD YOU PAY?

4123. Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-28 20:31:18 UTC
From: argentin@anshar.shadow.net
Message-ID: <3l9rmm$ap7@anshar.shadow.net>
Source record: 259363

I have a New Scout 25 model with 400 memories. Asking $500 U.S.A dollars
O
--
somos lo que somos, o somos los que estamos, si no somos los que somos,
para que somos los que estamos?
Marcelo O. Guevara

4124. still looking for 2006

Newsgroup: rec.radio.scanner
Date: 1995-03-28 20:53:07 UTC
From: raymo@netcom.com
Message-ID: <raymo-2803951255050001@192.0.2.1>
Source record: 259364

all my 2006 connections seem to have disappeared...grove says they don't have any, does anyone out there have a 2006 they want to sell....for real?

thanks,

ray

4125. Secret Service Frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-28 21:28:08 UTC
From: jtamdor@iastate.edu
Message-ID: <jtamdor.796426088@las1.iastate.edu>
Source record: 259365

probably won't do much good, since it's likely they're digitally scrambled.

Operations (Baker) 165.7875
Operations (Charlie) 165.375
Tactical (Mike) 165.2125
Tactical (Tango) 164.550
Repeater Inputs / Simplex 165.900
Repeater Inputs / Simplex 166.200
Repeater Inputs / Simplex 166.400
Advance Team (November) 167.025
Motorcade (Oscar) 164.8875
Conterfeit Ops (Papa) 164.400
White House Staff (Quebec) 166.700
Pres. Protect (Sierra) 166.5125
Treasury Common (Xray) 166.4625
On-Site Phone Patch Input (Yankee) 162.6875
On-Site Phone Patch Output (Zulu) 171.2875

:)
jtamdor@iastate.edu

--
Project Warbird Hoverconversion Amdor
Falcon Technology Systems Enterprises

4126. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-28 22:32:53 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3la2ql$a98@umcc.umcc.umich.edu>
Source record: 259369

In article <3l9poa$50k@news0.cybernetics.net>,
Chris Zimmerman <zimm@cybernetics.com> wrote:
>I intercepted traffic from Air Force 2 on 415.700MHz. AF2 was calling
>*Royal Crown*. They sent tones to each other, that sounded like two
>modems handshaking. AF2 had a poor copy on Royal Crown and they were
>unable to get the tones to work. AF2 said "I certainly don't want
>*Sundance* not getting this call". Anybody have any idea who *Royal
>Crown* is and who *Sundance* is? Finally after about 30 mins. of trying
>the tones,they gave up on it.
>

Royal Crown is the White House Communications Agency. Sundance is the
Vice President (Al Gore) hence the importance of him getting the call.
Air force 2 is the aircraft I.D. when the V.P. is on board. He flys a 707
and Air Force 1 is a 747....The Presidents' code name is Eagle.....
Les

--
Les Butler KB8WKE "Fire Notification Network of Michigan"
Detroit's First and Largest Paging Notification Network.
Call (810)772-4423 For Information.
lbutler@umcc.umich.edu or 72673,321@compuserve.com

4127. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-28 22:59:48 UTC
From: dbrewer@nr.infi.net
Message-ID: <3la4d4$4jm@lucy.infi.net>
Source record: 259370

I am in the same boat! My 2006 has been modified.

Do you use the L/O Review button much? If they see the diode clipped, it will void the original mfg. warranty. The 5-year plan it may not, since you did pay for it.
A salesman told me as long as you don't beat it with a hammer, they will fix it, or replace it.
Since it's not directly related, they probably will fix it under warranty. I hope!

If you take it in, and they fix it, please e-mail me with the results. I would be in the same
boat! Thanks... Daryl

4128. Re: still looking for 2006

Newsgroup: rec.radio.scanner
Date: 1995-03-28 23:12:22 UTC
From: Gerald Schmitt <ggs@aerie.lanl.gov>
Message-ID: <3la64b$7la@newshost.lanl.gov>
Source record: 259371

Sure do. New in box. Do you want to pay real money
or do you expect to get it for $150. Make me an offer
shipped UPS ground insured to you.

4129. Re: CB's

Newsgroup: rec.radio.scanner
Date: 1995-03-28 23:14:37 UTC
From: mulligan@ACM.ORG
Message-ID: <3la58u$gcl@hopper.acm.org>
Source record: 259372

skywalker@dino.qci.bioch.bcm.tmc.edu (T Reynolds) asked:
> Where are the CB channels on a scanner, what freq ?

From the FAF - Frequently Asked Frequencies
on ftp://oak.oakland.edu
as /pub/hamradio/docs/misc/scanner.faf

Citizens Band [95.625]

Ch Freq Ch Freq Ch Freq Ch Freq

1 26.965 11 27.085 21 27.215 31 27.315
2 26.975 12 27.105 * 22 27.225 32 27.325
3 26.985 13 27.115 23 27.255 - 33 27.335
4 27.005 * 14 27.125 24 27.235 - 34 27.345
5 27.015 15 27.135 25 27.245 - 35 27.355
6 27.025 16 27.155 * 26 27.265 36 27.365
7 27.035 17 27.165 27 27.275 37 27.375
8 27.055 * 18 27.175 28 27.285 38 27.385
9 27.065 19 27.185 29 27.295 39 27.395
10 27.075 20 27.205 * 30 27.305 40 27.405

* 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
- note break in sequence (27.255 shared with R/C)

4130. RE: OUTLAWED SCANNERS

Newsgroup: rec.radio.scanner
Date: 1995-03-28 23:40:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A653E8.059E00053F.uuout@iotp.com>
Source record: 259373

On 21 Mar 95 09:52pm, LES BUTLER wrote to ALL:

>> The problem with this is that the Federal rules are pre-emptive, and the
>> states cannot enforce more restrictive laws. What I said before stands.
>>
LB> Bill, The states cannot enforce more restrictive laws? Funny how gun
LB> laws in areas of the country are more restrictive then federal law and
LB> have been tested in court and upheld. Case in point Morton Grove Ill in
LB> which it is illegal for a citizen of that city to own a gun. How about
LB> states that had 7 to 14 day waiting periods before the national law was
LB> adopted?

LB> I'm not a lwayer and don't claim to be an expert in the area. All I can
LB> tell you about Michigan State Law regarding scanners in a motor vehicle
LB> is from this letter I received from the Division Commander
LB> Communications Division of the Michigan State Police. Since it's on
LB> offical State Letterhead and a copy of Michigan Compiled Law Section
LB> 750.508 was included, I'd have to trust what it says and disregard your
LB> opinion. One in the hand beats two in the bush. Sorry...

Les, if you will re-read what I said, you will see that the states cannot
make more restrictive laws if the relative Federal law is pre-emptive. (This
also works for making LESS restrictive laws)
Evidently it's the 'pre-emptive" part that's causing a mis-understanding.
This means that the Federal law is supreme, and lower legislatures can't
make (enforce may be a better word) either stricter or laxer versions of the
same law, depending on the intent of the law. If the Federal law is NOT
pre-emptive (as with firearms laws, for example) this doesn't mean anything.
It gets complicated. ;-)

Bill Funk
Internet: bill.funk@iotp.com

... Thesaurus: ancient reptile with an excellent vocabulary.
* Silver Xpress V4.00 SW12853

4131. Re: Drive Thru Freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-28 23:44:35 UTC
From: pwd@apple.com
Message-ID: <pwd-2803951544350001@thunder.apple.com>
Source record: 259425

In article <357.2397.175@charleston.com>, dana.bubp@charleston.com (Dana Bubp) wrote:

> I am looking for Drive-Thru frequencies, Wireless Microphones, Bugs and
>
> things like that. Thanks in advance for any help you can give me.
>

Here's my growing collection of such fun stuff:

The listing can be read horizontally to see who's on a particular frequency or vertically for some of the major chains to see which frequencies they've used elsewhere.

This list was compiled from numerous posts on the Internet news groups alt.scanner and rec.scanner from many posters, among them:

1. Brad Steinman (cscon0151@uoft02.utoledo.edu, 131.183.1.4),
2. mcneill@salem.enet.dec.com,
3. Bob Parnass (parnass@ihlpm.att.com),
4. stretch1@aol.com.
5. Berton Carson (g9153402@huey.csun.edu)

Thanks for sharing the information!

Warning: unfortunately some of the postings confused CTCSS tone frequencies (in Hz?) with carrier frequencies in MHz, so some of the listings below are unreliable. I've started listing specific references next to frequencies listed. Scan the bands and see what's around locally.

Hope this helps; have fun,
-Patrick Penzias Dirks, pwd@apple.com.
Fast Food Frequencies
Last Updated: 11/9/94

Key to abbreviations: Key to suffixes:
McD - McDonald's -C: Customer
BK - Burger King -W: Window Clerk
HD - Hardee's -P: Private (internal)
KFC - Kentucky Fried Chicken -R: Repeater
TB - Taco Bell -B: Business
WND - Wendy's

Others:
ARB - Arby's
BB - Bob's Big Boy
BED - Bess Eaton Donut

CFA - Chick Fil A
CJR - Carl's Jr.
DD - Dunkin Donuts
DQ - Dairy Queen
FF - Foster Freeze
HDE - Hot Dogs Etc.
JIB - Jack in the Box
MIC - Wireless Microphone
MWD - Mrs. Winner's Drive-up
RR - Roy Rogers
WAB - Whataburger

```
Freq.(MHz) -MCD- -BK- -HD- -KFC- -TB- -WND- - Others ------------- -Ref-
30.8200 ..... ..... ..... KFC ..... .....
30.8400 McD BK HD KFC TB-C WND ARB BB-C(R) DQ HDE MWD WAB [5]
31.0000 ..... BK HD KFC-C ..... WND ARB CFA FF HDE [5]
33.1400 McD ..... ..... ..... ..... ..... HDE
33.1600 ..... ..... ..... ..... TB ..... [5]
33.4000 McD ..... ..... KFC ..... WND DD JIB [5]
33.7150 McD ..... ..... ..... ..... .....
35.0200 McD ..... HD ..... ..... ..... [5]
35.0600 McD ..... ..... ..... ..... .....
35.1200 McD-B ..... ..... ..... ..... ..... [5]
36.7000 ..... ..... ..... ..... ..... ..... MIC
37.1000 ..... ..... ..... ..... ..... ..... MIC
37.1600 ..... ..... ..... ..... ..... ..... MIC
40.6800 ..... ..... ..... ..... ..... ..... MIC
42.8900 ..... ..... ..... ..... ..... ..... MIC
43.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
44.2700 ..... ..... ..... ..... ..... ..... MIC
44.8700 ..... ..... ..... ..... ..... ..... MIC
49.8300 ..... ..... ..... ..... ..... WND-C
49.8900 ..... ..... ..... ..... ..... WND-W
67.7750 McD-C ..... ..... ..... ..... ..... [5]
70.2450 McD-C ..... ..... ..... ..... ..... [5]
71.1050 McD-C ..... ..... ..... ..... ..... [5]
82.5000 McD-P ..... ..... KFC-P ..... ..... DD-P
141.3000 McD-P ..... ..... ..... ..... .....
151.4000 ..... ..... ..... ..... TB-P .....
151.5200 ..... ..... ..... ..... ..... ..... Specific use unknown
151.5350 ..... ..... ..... ..... ..... ..... Specific use unknown
151.6850 ..... ..... HD ..... ..... ..... [5]
151.7150 McD ..... ..... ..... ..... .....
151.7750 McD ..... ..... ..... ..... .....
151.8050 ..... ..... HD ..... ..... ..... [5]
151.8950 McD ..... ..... ..... ..... ..... HDE
152.9150 ..... ..... ..... ..... ..... ..... Specific use unknown
153.0050 ..... ..... ..... ..... ..... ..... Specific use unknown
154.4900 McD-W ..... ..... ..... ..... ..... [5]
154.5150 ..... ..... ..... ..... TB WND [5]
```

```
154.5400 McD ..... ..... KFC ..... ..... JIB
154.5700 McD BK HD KFC TB-W WND ARB BB-W (I) DQ HDE WAB [5]
154.5800 McD-W ..... ..... ..... ..... ..... [5]
154.6000 McD ..... HD ..... ..... .....
154.7000 McD ..... ..... ..... ..... .....
156.7000 ..... ..... ..... ..... ..... ..... CJR
162.2000 ..... ..... ..... KFC-P TB-P .....
169.4450 McD ..... ..... ..... ..... .....
170.2450 McD ..... ..... ..... ..... ..... MIC
170.2500 McD ..... ..... ..... ..... .....
170.3050 McD BK-W HD KFC-W ..... WND CFA FF HDE MIC [5]
171.1050 McD ..... ..... ..... ..... ..... MIC
171.3050 McD ..... ..... ..... ..... .....
171.9050 McD ..... ..... ..... ..... ..... MIC
173.8000 ..... ..... ..... ..... TB-P .....
192.8000 McD-P ..... ..... ..... ..... .....
457.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
457.5125 ..... ..... ..... ..... ..... ..... Specific use unknown
457.5250 ..... ..... ..... ..... ..... ..... WAB
457.5375 ..... ..... ..... KFC TB WND BED-C (R) RR [5]
457.5500 McD BK HD ..... TB ..... ARB CJR DD EPL [5]
457.5625 ..... BK ..... ..... ..... .....
457.5750 ..... BK HD ..... ..... .....
457.5875 ..... ..... ..... KFC-C ..... ..... [5]
457.6000 ..... BK ..... KFC ..... ..... BB-C (R)
457.6125 ..... ..... ..... ..... ..... WND WAB
457.8250 ..... BK ..... ..... ..... .....
460.8875 ..... BK HD KFC TB WND
460.9975 ..... ..... ..... ..... ..... ..... Specific use unknown
461.0375 McD-C ..... ..... ..... TB ..... [5]
461.0875 ..... ..... ..... KFC TB WND
461.1125 ..... ..... HD ..... ..... .....
461.4500 ..... ..... ..... ..... ..... ..... Specific use unknown
461.5375 ..... BK-C(R).... ..... TB ..... LJS
461.7125 ..... ..... HD ..... ..... .....
461.8125 ..... ..... ..... ..... ..... WND WC
462.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
462.1625 ..... ..... ..... KFC ..... .....
462.7500 ..... ..... ..... KFC ..... .....
462.7625 ..... ..... ..... KFC ..... .....
463.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0250 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
463.0750 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1000 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1500 ..... ..... ..... ..... ..... ..... Specific use unknown
463.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
463.2875 McD-C BK-B ..... ..... ..... ..... [5]
463.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
```

```
463.6750 ..... ..... ..... ..... ..... ..... Specific use unknown
464.0125 McD ..... HD ..... ..... ..... [5]
464.0875 ..... ..... ..... KFC ..... .....
464.1125 McD ..... ..... ..... ..... .....
464.1375 McD ..... ..... ..... ..... .....
464.1625 McD ..... ..... ..... ..... .....
464.1875 McD ..... ..... ..... ..... .....
464.3125 McD ..... ..... ..... ..... .....
464.3375 McD ..... ..... ..... ..... .....
464.3875 McD ..... ..... ..... TB .....
464.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
464.5125 McD ..... ..... ..... ..... .....
464.5875 ..... ..... ..... ..... ..... ..... Specific use unknown
464.6250 ..... ..... ..... ..... ..... ..... Specific use unknown
464.9625 ..... ..... ..... ..... TB .....
465.8875 ..... BK-W ..... KFC TB-W WND [5]
466.0375 McD-W ..... ..... ..... TB ..... [5]
466.0875 ..... ..... ..... ..... TB WND
466.1125 ..... ..... HD ..... ..... .....
466.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
466.5375 ..... ..... ..... ..... TB .....
466.8125 ..... ..... ..... ..... ..... ..... WC-W
466.8875 ..... ..... ..... ..... ..... ..... Specific use unknown
467.0125 McD ..... ..... ..... ..... .....
467.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
467.7375 ..... ..... ..... ..... ..... ..... Specific use unknown
467.7500 ..... ..... ..... ..... ..... ..... WAB
467.7625 ..... ..... ..... ..... ..... ..... BED-W (I) RR
467.7750 McD BK-W ..... ..... ..... ..... CJR DD [5]
467.7875 ..... BK-W ..... ..... ..... .....
467.8000 ..... BK-W ..... ..... ..... .....
467.8125 ..... ..... ..... KFC-W ..... .....
467.8250 ..... BK-W ..... ..... ..... ..... BB-W (I) WAB
467.8375 ..... ..... ..... ..... ..... WND
467.8875 ..... ..... ..... KFC ..... .....
468.0000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0250 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0500 ..... ..... ..... ..... ..... ..... Specific use unknown
468.0750 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1250 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1500 ..... ..... ..... ..... ..... ..... Specific use unknown
468.1750 ..... ..... ..... ..... ..... ..... Specific use unknown
468.2875 McD-W ..... ..... ..... ..... ..... [5]
468.3875 ..... ..... ..... KFC TB WND
468.5000 ..... ..... ..... ..... ..... ..... Specific use unknown
468.6750 ..... ..... ..... ..... ..... ..... Specific use unknown
469.0125 McD ..... HD ..... ..... ..... [5]
469.0250 ..... ..... ..... ..... ..... ..... JIB
469.0875 ..... ..... ..... KFC ..... .....
```

```
469.1125 McD ..... ..... ..... ..... .....
469.1375 McD ..... ..... ..... ..... .....
469.1625 McD ..... ..... ..... ..... .....
469.1875 McD ..... ..... ..... ..... .....
469.3125 McD ..... ..... ..... ..... .....
469.3375 McD ..... ..... ..... ..... .....
469.3875 McD ..... ..... ..... ..... .....
469.5125 McD-W ..... ..... ..... ..... ..... [5]
469.6250 ..... ..... ..... ..... ..... ..... Specific use unknown
469.7125 ..... ..... ..... ..... ..... ..... Specific use unknown
469.9375 ..... ..... ..... ..... ..... ..... Specific use unknown
469.9625 ..... ..... ..... ..... TB .....
479.2500 ..... ..... ..... ..... ..... ..... ARB [5]
```

4132. Looking for a scanner wholesaler

Newsgroup: rec.radio.scanner
Date: 1995-03-28 23:49:20 UTC
From: dude@intellinet.com
Message-ID: <3la7a0$krf@hermes.sibylline.com>
Source record: 259426

I am looking for a wholesaler for scanners and scanner equipment. I would appreciate any reply that you might have. Thanks in advance!

4133. Freqeuncy Inverter

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: jwhitlow@iadfw.net
Message-ID: <jwhitlow-2903952004070001@ppp138.iadfw.net>
Source record: 259225

Can someone tell me where to find a good frequency inverter that I could hook up between my Pro-2006 and an external speaker?

4134. Re: hot air balloon freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: lawrence@combdyn.com
Message-ID: <1995Mar29.215921.22562@combdyn.com>
Source record: 259226

dbecker@tiger.lsu.edu (Daniel Farrell Becker) writes:

>There's alot of hot air ballon festibles in Baton Rouge Louisiana where I
>go to school does anyone have frrequencies for these conventions or
>baloons common frequencies? I am also starved for a list of FD freq and
>Hazardous Incidence teams freqs. thanks for any help.

>Dan

Check 118-136MHz AM....hot air balloons have to be equipped with aircraft
radios, and they fall under the same classification as commercial aircraft.
They tend to use some frequency in the band that isn't in local use to talk to
other balloons and the chase vehicles.

Someday I'm gonna try real hard to get the last screw out (stripped) to do the
extended RX mod to get the aircraft band.....last year I got to ride in one
of the chase vehicles.....
--
WORK: lawrence@combdyn.com | PHONE 403 529 2162 | FAX 529 2516 | VE6LKC
HOME: dreamer@lhaven.uumh.ab.ca | 403 526 6019 | 529 5102 | VE6PAQ

Praxis Society K12 BBS - 403 529 1610 | Lunatic Haven BBS - 403 526 6957
----
disclamer = (working_for && !representing) + (Combustion Dynamics Ltd.);

4135. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: xrbarron@fullerton.edu
Message-ID: <xrbarron-2903951833100001@dialin33682.slip.nts.uci.edu>
Source record: 259227

Where would one get a device that sets off radar detectors? Plans/kit or pre-built ok.

4136. ***SCOUT FOR $400 NOT $500***

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: "Marcelo O. Guevara (el Che)" <argentin@shadow.net>
Message-ID: <Pine.SUN.3.91.950329214124.22386A-100000@anshar.shadow.net>
Source record: 259228

SORRY A MADE A MISTAKE i WANT $400 USA DOLLARS FOR IT (NEW)

somos lo que somos, o somos los que estamos, si no somos los que somos,
para que somos los que estamos?
Marcelo O. Guevara

4137. Re: Re-Chargeable Alkalines Better?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: rats@ihlpm.ihsam.att.com
Message-ID: <D67MBH.IxF@ssbunews.ih.att.com>
Source record: 259229

|>Do not buy Millennium. They Suck. The don't last as long as the Radio
|>Shack Rechargables. It's just a big Marketing gimmick. Don't fall for it.
|Seriously? I was gonna get some Milleniums.....

Yep, they SUCK (tm)! They have a rapid self-discharge rate for some strange reason, and their 3-hour charger somehow knows not to work with standard NiCads manufactured by other makers. Yes, even though the "AA"-cells have something like a 700-750 mahr rating, if you charge them up, within a few days (certainly within 2-weeks), they are DEAD!

|How about panasonic? They any good.... or Ray o Vac?

Panasonics, Rat Shacks, Sanyo NiCads seem to perform decently; Digi-Key (1-800-344-4539) sells all sorts of Panasonic Nicads, including the high-capacity "S"-types (P236 - 700mahr for "AA") and the "E"-type 600 mahr "AA" (P155) in both singles and 10 cell pricing...

|John L. Wilkerson Jr. jwilkers@right1.right.net

4138. Popular Communications Highlights - May, 1995

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: nw2l@aol.com
Message-ID: <3lck7h$stg@newsbf02.news.aol.com>
Source record: 259230

POP'COMM 5/95 HIGHLIGHTS =

=

"Popular Communications" =

May, 1995, Cover Story =

=

"Maritime Scanning" By Christopher Bleecker, KTX5AM
=A91995 CQ Communications, Inc. =

Ship Ahoy! Spring and summer bring lots of exciting
action to the VHF marine frequencies. And the cover
story of the May issue of "Popular Communications" =

is devoted to "Maritime Scanning." Author Christopher =

Bleecker, KTX5AM, explains the confusing array of VHF
marine channels, where to find what sorts of activity
and how to find commercial, recreational and emergency
service communications.

Also featured in the May "Pop'Comm" are:
-- "Selected English Language Broadcasts," Spring 1995,
by Gerry L. Dexter
-- "Radio: A Look Back," by Alice Brannigan
-- "Scanning AWOS," the VHF weather stations NOAA never
talks about, by Lewis Keseberg, KCA6BK
-- "Shortwave Sits in the Lap of Luxury," a look at the
newest amenity in the Peninsula Hong Kong Hotel,
by Deena Marie Amato, Associate Editor, and
-- "More Central American Adventures," by Dr. Adrian
M. Peterson, N9GWY

The May, 1995, issue of Popular Communications should
be in subscribers' mailboxes and on newsstands by mid-
April.

POPULAR COMMUNICATIONS is the leading magazine on =

all aspects of hobby communications. Regular =

coverage includes monitoring short-wave broadcasts
(also known as "world-band radio"), short-wave =

"utility" stations, scanning VHF and UHF
communications, satellites, broadcast-band DXing, =

CB, emergency communications, amateur (ham) radio
and more. For information, e-mail POPCOMM@aol.com,
CQ@genie.geis.com or 72127.745@compuserve.com.

4139. Clinton Visit/Secret Service/Atlanta

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: not.available@uunet.uu.net
Message-ID: <3lbpq1$9qr@moe.cc.emory.edu>
Source record: 259231

Today (Wed. Mar 29), the Secret Service is in Atlanta for President Clinton's visit. Does anyone know what frequencies the Secret Service uses in the field? I don't have ready access to Tom Kneitel's Top Secret Registry of US Government Radio Frequencies, so I regret that I can't look it up myself?

If you don't know the specific frequencies, do you know what general areas I should scan through?

Any help would be greatly appreciated! Also, is there any reason (legal or otherwise) why someone couldn't scan those frequencies?

Thanks!
Gilligan

4140. Chico/Redding/Yuba City CA?????

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: joewo@aol.com
Message-ID: <3ld9bc$5ti@newsbf02.news.aol.com>
Source record: 259232

Hi there!!
Just wondering if anyone out there is in the area and wants to exchange
freqs?? JoeWo@aol.com

4141. Re: HELP? NEED INFO ON AR

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clark.neider@iotp.com
Message-ID: <8A66561.059E00058D.uuout@iotp.com>
Source record: 259233

-=> Quoting Jb to All <=-

Jb> IS THIS A GOOD, RELIABLE USED SCANNER? HOW MUCH WOULD YOU PAY?

If it's cellular capable, I'd start the bidding at $250.00. I've enjoyed mine, but had to send it back under warranty for a loose charging plug connection. I like its wide range of frequencies w/o gaps.

... ICOM R7100, the semiautomatic assault scanner!
___ Blue Wave/QWK v2.12

4142. PRO-43 mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: robertm@robertm.seanet.com
Message-ID: <robertm.18.00F576EB@robertm.seanet.com>
Source record: 259234

I have just purchased a pro-43, and would like information on mods.
I am most interested in the cellular freq. modification.

thanks

bob

4143. FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: terrie.braun@asb.com
Message-ID: <9503292056.0TERY03@asb.com>
Source record: 259235

On 29 Mar 95 07:11am, NEWS wrote to ALL:

N> Newsgroups: rec.radio.scanner
N> Path:
N> ns1.planetc.com!uunet!in1.uu.net!gatech!howland.reston.ans.net!ix.netcom.
N> com! netcom.com!jwayda
N> From: jwayda@netcom.com (Jim Wayda)
N> Subject: Fast Food
N> Message-ID: <jwaydaD624JH.BDs@netcom.com>
N> Organization: NETCOM On-line Communication Services (408 261-4700 guest)
N> X-Newsreader: TIN [version 1.2 PL1]
N> Date: Sun, 26 Mar 1995 16:59:41 GMT
N> Lines: 10
N> Sender: jwayda@netcom17.netcom.com

N> Why would anyone want to monitor fast food drive thru's when there are so
N> many interesting things to monitor. I'll have two Quarter Pounders with
N> cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....
Yea, I guess the person who sits around and monitors the drive thrus is a
pretty lonesome person!! Give me those cordless phones anyday!!!

N> +-jim
N> jwayda@netcom.com

N> No flames please, I really do not understand this.

... Mail Media. Do not expose to Flames!
* Evaluation copy of Silver Xpress. Day # 24
* Silver Xpress V4.01

4144. FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: terrie.braun@asb.com
Message-ID: <9503291143.0GGUT00@asb.com>
Source record: 259236

On 29 Mar 95 07:11am, NEWS wrote to ALL:

N> Newsgroups: rec.radio.scanner
N> Path:
N> ns1.planetc.com!uunet!in1.uu.net!gatech!howland.reston.ans.net!ix.netcom.
N> com! netcom.com!jwayda
N> From: jwayda@netcom.com (Jim Wayda)
N> Subject: Fast Food
N> Message-ID: <jwaydaD624JH.BDs@netcom.com>
N> Organization: NETCOM On-line Communication Services (408 261-4700 guest)
N> X-Newsreader: TIN [version 1.2 PL1]
N> Date: Sun, 26 Mar 1995 16:59:41 GMT
N> Lines: 10
N> Sender: jwayda@netcom17.netcom.com

N> Why would anyone want to monitor fast food drive thru's when there are so
N> many interesting things to monitor. I'll have two Quarter Pounders with
N> cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....
Yea, I guess the person who sits around and monitors the drive thrus is a
pretty lonesome person!! Give me those cordless phones anyday!!!

N> +-jim
N> jwayda@netcom.com

N> No flames please, I really do not understand this.

... Mail Media. Do not expose to Flames!
* Evaluation copy of Silver Xpress. Day # 24
* Silver Xpress V4.01

4145. Re: Ramsey Descrambler ??

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: X32KB@CUNYVM.CUNY.EDU
Message-ID: <95088.182239X32KB@CUNYVM.CUNY.EDU>
Source record: 259237

Works nice on descramble, but have had alot of trouble hooking it up
for scramble (audio-level wise).

Moshe
x32kb@cunyvm.cuny.edu

4146. Help!

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: michael.iszak@wisebbs.com
Message-ID: <2c4.192.242@wisebbs.com>
Source record: 259275

Hello, I have a question, where I live i Ontario, it is illegal to have a radar dectector, but I was wondering, in Canada, it is legal to monitor ANY radio transmissions, i wonder how the law can say that it is illegal to monitor radar warning devices. I wonder ifyou made a case that looked like something like a scanner, etc... and put the radar dectector in it, and said that it was a radio, or whatever.
Any reply would be appriciared!
73's de Mike
VE3XLS

Internet: michael.iszak@wisebbs.com (Michael Iszak)
This message was processed by the Good People as the WISE BBS
Using NetXpress

4147. Uniden/Bearcat 1-800 Number!!!

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: news@islander.whidbey.net
Message-ID: <3ldaku$ebh@islander.whidbey.net>
Source record: 259276

Uniden/Bearcat # 1-800-297-1023 Service/Parts/Repair/Sales Ect....

subbustr@whidbey.net

4148. Re: case for handheld

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5246.7592.0NFB9B9E@woodybbs.com>
Source record: 259277

Subject: Re: case for handheld

Here's the FINEST case available for the PRO-43, PRO-39, and
PRO-44 handheld scanners. Sine I received mine last year, it has
NEVER come off my PRO-43.

I have NO "piece of this action" - this post is for the benefit of
scanner enthusiasts ONLY. This case is a worthwhile investment. It
protects the units from damage. It is fully-functional. It is made BY a
scanner enthusiast FOR scanner enthusiasts. And the dealer, Howard
Bornstein, is a class individual.

---

 wcECHO 4.0 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

FROM: Howard Bornstein
Design EQ
P.O. Box 1245
Menlo Park, CA 94025

I now have limited supplies of custom-designed, hand-made
leather cases for the Radio Shack PRO-39, PRO-43, and
PRO-44 handheld scanners.

The case is handmade out of fine, black, Corinthian leather
(ok, I'm kidding about the Corinthian part) and fits snugly
on the PRO-39/43/44. The case has cutouts for the display,
the keyboard, and the power ports. It also has sound
holes over the speaker.

The scanner slips into the case without having to put the
belt clip through a slot. The case is designed to stay on
the scanner all the time, so, to that end, there is a
velcroed flap at the bottom that allows you to open the
battery compartment and change the batteries without ever
having to take the case off. There are also slots in the
back of the case if you want to loop your belt through it
for greater security.

With a little "training" the scanner in the case will stand up
on end without any problem.

The cost of the case is $29.95 plus $2.00 S&H. If you're in
California, you'll need to add $2.47 state sales tax (sorry).
Since the cases are handmade, it may take as long as 3-4 weeks
from receipt of your check or money order. I will try to speed
this up as much as I can. The cases are sent out via airmail

and satisfaction is guaranteed.

To order, send a check or money order to:

Howard Bornstein
Design EQ
P.O. Box 1245
Menlo Park, CA 94025

You can reach me by phone at 415-328-9181 afternoons PST or via CompuServe Email (ID:76174,637.) If you are ordering from outside the US, please drop me email, because the postage will be a bit more. Feel free to contact me if you have other questions about the case, and thanks very much for your interest.

Regards,
Howard

4149. cell restore on bc890xlt

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5247.7592.0NFB9B9F@woodybbs.com>
Source record: 259278

Subject: cell restore on bc890xlt

>>I purchased my BC 890xlt about a year or so ago. I used to have an
>>article on how to restore the cellular on it, but I lost the article
>>in the move to Toronto (I am student and live downtown).

The mod is a simple one, involving onle the removal and re-placement of
a single surface-mount diode.

The mod is available on ATTENTION to Details BBS at 909-681-6221 FREE to
first-time callers. All you have to do is download their User Service
Agreement (a whopping 8K ZIP archive) and then Upgrade your own security
from their Main Menu. Then search the files for "890" or look in the
Bearcat/Uniden Mods File Area.

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4150. Pro 37 mods 1/4

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5248.7592.0NFB9BA0@woodybbs.com>
Source record: 259279

Subject: Pro 37 mods

>>I am begging, PLEADING for Pro 37 mods. I know about the cell phone
>>mod, but are there others?

There are several modifications for about ANY scanner. What would you like yours to do that it doesn't do now? S-Meter? Audio improvement? Here's what I could quickly find on ATTENTION to Details BBS at 909-681-6221:

[NOTE: Don't perform these mods. You will probably have no valid warranty if performed. These mods might not work. This is offered as information only.]

The PRO-37 uses a diode array to tell its microprocessor what model it is, and thus which frequency bands to allow and what channel spacing to use. European and Australian models have full 800 MHz coverage (at an unknown channel spacing) and a VHF-Mid band (68-88 MHz) rather than a VHF-Low band (30-54 MHz).

The Canadian and US models differ in the amount of care taken to reduce EMI. The Canadian model has additional screening, and one or two other minor component additions to achieve this. Therefore, if you have the choice, the Canadian model is preferable to the US model.

Changing from VHF-Low to VHF-Mid band coverage requires many component value changes (and realignment of the appropriate RF stage). Given that the PRO-37 uses SMT technology, it's not worth trying. (You can change the diode array easily enough, but just don't expect reasonable performance!)

The only sensible (straightforward) modification is the restoration of full 800 MHz coverage on Canadian and US models. The ranges restored appear with a 30kHz channel spacing - which just happens to coincide with the N. American cellular telephone channel spacing. A remarkable coincidence.

The modification described is therefore applicable ONLY to Canadian and US models. (European and Australian readers could always remove 800 MHz coverage if they wished:-).

You will need:

Soldering iron - with a fine point. (The components desoldered and soldered are not SMT, but ....)
Desoldering tool - to remove excess solder
Philips screwdriver - if it fits the screws on the back of the

case it's the right size.
Small pliers - bending component leads while unsoldering
and removing hexagonal posts
Earthing wrist strap - strongly advisable with CMOS components.
(Static can cause premature, if not immediate
failure of components). Wear this at all
times.
Small screwdriver - for prying components etc.

Experience and confidence in working with modern electronics

A couple of hours without interruptions...

Instructions
----
0. READ THROUGH ALL OF THESE INSTRUCTIONS BEFORE STARTING!
1. Remove the battery
2. Remove the antenna
3. Pull to remove squelch and volume knobs
4. Unscrew the 4 screw on the back of the case
5. Separate the case beginning at the battery end and work over the circuit
board and knobs at the top
6. Unsolder both connections to the antenna - ground can be bent away and the
centre has a link to the board
7. Unsolder the two power switch links at the board end
8. Unsolder the ground connections to the metal shield
9. Disconnect the two connectors to the squelch and volume controls
10.Remove 4 hexagonal posts
11.The top board may now be removed by separating it gently from the
connector on the adjacent board
12.Remove 3 screws holding the shield in place
13.Lift the shield to separate it from the lower control circuit board
14.Identify diodes D12,D13 on the control board
15.EITHER cut the diode D13 and SKIP to reassembly OR continue to desolder diod
16.Remove last two screws and remove control board. Take care not to
dislocate the KEY LOCK switch when doing this.
17.Unsolder screening from side of control board near diode array,
and bend back out of way.
18.Unsolder and remove diode D13. Keep it somewhere so that you can replace
it if required to do so by US legislation.

Reassembly is the reverse of the above procedure.

If you performed steps 16-18 CHECK REALLY CAREFULLY that the metal part of
the KEY LOCK switch is in the right location. (Otherwise, you may find
yourself having to disassemble the whole thing again - I know, I did!)

NOTES.

(Continued to next message)

4151. Pro 37 mods 2/4

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5249.7592.0NFB9BA1@woodybbs.com>
Source record: 259280

Subject: Pro 37 mods

(Continued from previous message)

1. One must exercise great caution in the procedure. Check that no flakes of solder get dropped on the boards. Take anti-static precautions by doing the work on a mat and wearing a wrist strap. Do not make any adjustments to the upper analogue board or bend any of the other wire links on it, which are tuned circuits.

2. Another caution is that doing any of the work will probably violate any warranty you may have on the scanner. Might be worth burning the scanner in for ~150 hrs before attempting this to reduce the risk of a latent component fault appearing after you have made the modification.

3. YOU PERFORM THE ABOVE PROCEDURE ENTIRELY AT YOUR OWN RISK. You may wish to obtain a copy of the PRO-37 Service Manual from Radio Shack before attempting this. (Cost about $20 - well written - just wish I could afford all the service gear required!)

4. If you happen to find out what adding D14 does (another difference between N. American and European/Australian versions), I'd be interested to know. It's not mentioned in the service manual. I think it could affect 800 MHz channel spacing - any info on the European Australian PRO-37 specs in this area would be appreciated.

5. If you found something wrong in the above instructions, let me know and I will try and post an update.

6. If you found all this helpful, help someone else and donate $5.00 *today* to your favourite charity.

Share and Enjoy!

PRO-37

This works. I have used this procedure to modify my pro37. One note: there is no reason the remove the logic board. If you have skinny wire cutters, you can easily get to the correct diode. This will save you the trouble of getting the key pad and key lock back together properly.

Restoring the full 800Mhz coverage of the RS Pro-37 scanner.

The following notes have been shamelessly plagiarized from Mark Miller's excellent instructions on modifying the Pro-34. The two scanners are physically so similar that I needed to make only a few minor changes in Mark's notes to make them fit the Pro-37.

• wcECHO 4.0 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

The instructions below are for those that don't like to completely
dissassemble every new electronic toy they buy just to see how it
works. Nor is it for the guy that has been building their own equipment
since the days of the first tube diode. This set of instructions assumes
a moderate level of skill with a soldering iron, and some simple hand
tools. It is aimed at those who just want the additional coverage from
the mods but havn't been building kits for a decade.
lets just call these ....

"NOVICE NOTES" FOR PRO-37 MODIFICATIONS
1. Remove the 4 small phillips screws on the back of the unit
2. Remove the battery cover and battery holder from the case. You won't
loose your programming as long as you don't take all day to do
this.
3. Remove the two knobs on the top of the case (Volume & Squelch)
4. The case snaps together at the bottom via two molded "hooks"
in the back half of the case which fit into two indentations
in the front half. These can be snapped apart by applying
the right leverage to bend the hooks away from the indentations
that they fit into while pulling the case apart. You'll see what
I mean when you look at it. You need to be a bit careful in
forcing the two halves of the case shell apart. Once you have
the snaps at the bottom released, angle up the bottom of the case
until the battery separation wall is clear of the internal metal
frame, and slide towards the top of the unit. Place the back half
of the shell aside.
5. Now you will see the RF board mounted to the metal support frame. The
BNC (antenna) conector leads and the volume control power switch leads
are soldered directly to the board. Carefully desolder these 4 connections.
7. There will be a wire from the volume control knob to the PC board that
is plugged in. Remove the plug from the RF board (needle nose pliers work)
8. There will also be a similar wire (small shielded) from the squelch contro
to the RF board wich is also plugged in. Remove the plug from the RF board.
(Again Needle Nose Pliers work good here)
9. Remove the 4 threaded hex stand-offs from the RF Board (these hold the RF
board to the internal metal frame AND are where the screws that hold the
back of the case screw in) Use a nut driver or Needle Nose Pliers.
10. Now the RF board is mostly free. The only thing holding it in is
the row of connector pins on its botom side that plug into the logic
board. You will need to pry this board up gently. Be warned that
the bottom side of the RF board is just chock full of Very Small
surface mounted components. So use something non-metalic and smooth
to do the prying with.
11. Set the RF board aside.
12. The Internal Metal support frame is now exposed. there are 3 small phillips
screws holding the metal frame to the bottom Logic board (actually, these

(Continued to next message)

4152. Pro 37 mods 3/4

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5250.7592.0NFB9BA2@woodybbs.com>
Source record: 259281

Subject: Pro 37 mods

(Continued from previous message)

screws go through the logic board and into the front half of the case)
2 of the screws are near the top, and 1 is at the bottom of the metal frame
Remove these 3 screws.
13. There is a small socketed wire that leads from the small power pc board
on the metal frame that goes under it and is plugged into the Logic
board. Lift the metal frame up and remove the power plug from the
PC board. Place the metal frame with the rest of your parts pile.
14. You have the component side of the Logic board exposed now. There are
2 small phillips screws at the bottom of the PC board (where the Battery
compartment WAS) Remove them.
15. Once you have the the last 2 screws removed the Logic board is free. The
speaker wires lead from the speaker to the logic board on the bottom side.
These are soldered in but there is enough play in them to allow you to
make the mods.
16. NOTE: The keyboard lock switch is a funky little piece of plastic with
a sliding stainless metal contactor that is just wedged in between the
front case and the logic board. Remove both the switch contacts and the
plastic switch. (best know it now or loose them in the carpet)
ALSO: don't touch the innards of the keyboard itself, which will now be
exposed. It appears that the keys make direct contact with pads on the
circuit board, and you don't want grit and skin oil to be getting in there.
17. On the component side of the PC board you will see lots of nifty surface
mounted components, a box-like capacitor (used for maintaining the
channel freqs while you change the batteries.. and make modifications :)
near the edge of the PC board you will see a couple of small diodes mounted
vertically. These will be labeled on the PC board as D12 and D13. You will
also see places for two other diodes to be soldered in (labeled D11 and
D14) but nothing is installed in these.
18. Now carefully clip the lead coming from D13 and bend the
diode away slightly to make a gap between the resulting two pieces
of wire. Clip it near the middle to leave plenty of room to resolder,
in case you ever want to undo the mod.

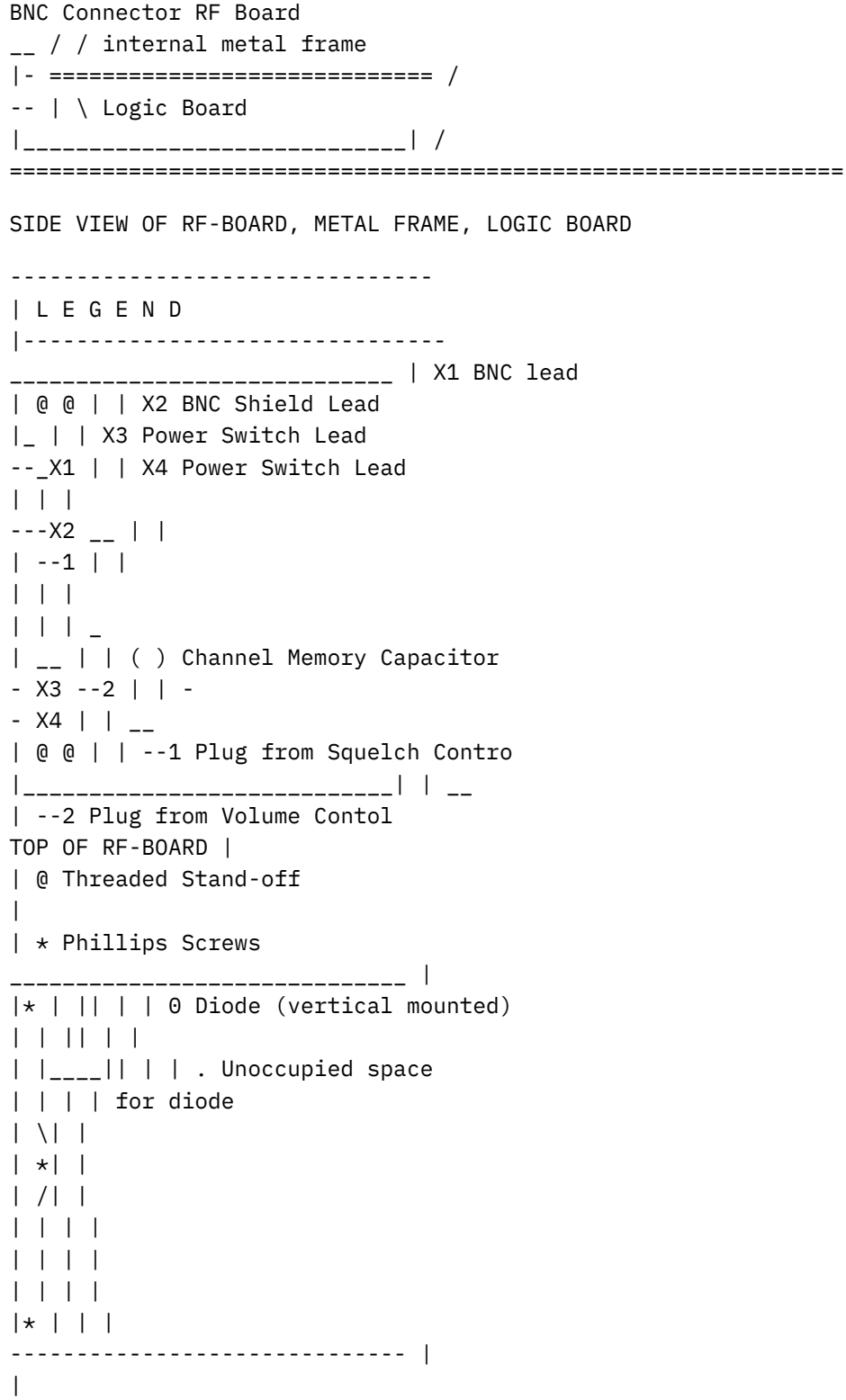
You have completed the mod for complete 800mhz band coverage.

Follow the same steps backwards (18->1)and replace "remove" with "replace"
and "desolder" with "solder"

N.B. These instructions are from last night, All the steps are in correct order
as well as the general information. The diagrams are from memory so components
may not be in the exact location indicated, but they will be very close.

LASTLY, Now that you have made the mods, you can use the warranty card to
light the Bar-B-Q Grill with.

DIAGRAMS



(Continued to next message)

4153. Pro 37 mods 4/4

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5251.7592.0NFB9BA3@woodybbs.com>
Source record: 259282

Subject: Pro 37 mods

(Continued from previous message)

TOP OF INTERNAL METAL SUPPORT FRAME |
|_____________________________

COMPONENT SIDE OF LOGIC BOARD

Copied from the QRZ! Windows Ham Radio CDROM.

• wcECHO 4.0 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

4154. Re: Scanner Law (chart) =

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5252.7592.0NFB9BA4@woodybbs.com>
Source record: 259283

Subject: Re: Scanner Law (chart) == Personal Apology

MUDAW>>Put the chart back.

ABSOLUTELY! If anyone doesn't like it, they obviously don't appreciate
the work involved creating it. And obviously don't care about the
current state of scanner laws.

In such case, of course, they should quietly skip the Message and go
elsewhere.
---
 wcECHO 4.0 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

4155. Re: REQ:Repost www scanner page please

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: jei_flk@danadata.dk
Message-ID: <3lbkja$c3i@aix1.danadata.dk>
Source record: 259284

In article <why?-2403951312500001@mario16.ppp.ncsu.edu>, why? (JakeBlues) says:
>
>Could somone please tell me what the URL is for the Home Page dealing with
>Scanner frequencies? Thanks in advance
>
>CBA

http://www.okc/freq-out

greetings

Anders

4156. ANYONE HAS A USED BC200XLT FOR SALE?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: wired@genes.pl.my
Message-ID: <796472469.83snx@genes.pl.my>
Source record: 259285

Anyone has a second hand BC200XLT for sale? One that works of course.

4157. Legal or Illegal????

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: jweaver@Newbridge.COM
Message-ID: <D671u5.1EM@Newbridge.COM>
Source record: 259286

I am wondering if anyone could answer this qustion FACTUALLY!!

I want to know whether scanning Car Phones in the UK is Legal or Illegal?

I remember that a few years ago, the situation was that you could legally scan car phones, but it was illegal to ACT on any infomation gained whilst doing this......

Is this still the case or has the law changed.

Any info appreciated

Regards

Jon

4158. UHF aircraft band.

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: nstn2539@fox.nstn.ca
Message-ID: <49373.nstn2539@fox.nstn.ca>
Source record: 259287

I wouldn't be too worried about missing out on the UHF aircraft band(about 200MHz to 350MHz). I have been in ATC for a few years now, and most military aircraft have and use VHF. The only things you may miss are fighters' sides of conversations with ATC and most conversations between military aircraft in flight. Most ATC units transmit on VHF and UHF simultaneously so at least for that side of things, you might be able to determine what's being said by the fighter by what the ATC is saying. You will likely miss some good stuff for now, but just keep looking for a used scanner that has these bands. Maybe you'll get lucky. :)
--
Michael Oxner
nstn2539@fox.nstn.ca

4159. Frequency Request - Donahue Ambulance - PA

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: men0@Lehigh.EDU
Message-ID: <3lbmun$1l2p@ns1.CC.Lehigh.EDU>
Source record: 259288

I'd appreciate it if someone could provide frequencies for Donahue Ambulance Service. They operate in NE PA, especially in Scranton, Reading and Allentown. Police Call was not helpful; hopefully I'll do better here. Thanks, as always, for your help!

Michael E. Nagel
MEN0@LEHIGH.EDU
Michael E. Nagel, Director Office (610) 758-4510
Campaign Support & Fax (610) 868-6560
Development Services

Lehigh University
Bethlehem, PA

4160. FS: AOR8000+Interface

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: alex@wwa.com
Message-ID: <3lbtc1$kou@news.wwa.com>
Source record: 259289

I have a UK version of AOR8000 for sale with the computer interface. The unit is in perfect working condition. Manuals for the unit and the computer interface are included. I preffer to sell both units as a package. Please make a reasonable offer.

alex@wwa.com

4161. What do you think of the PRO-62?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: wired@genes.pl.my
Message-ID: <796489855.85snx@genes.pl.my>
Source record: 259290

Any complaints? Any problems? Is it easily modifiable for cellular reception? Is it locked out on the 900MHz AMPS cellphone system as well or only on the 800MHz cellphone system?

thanks

4162. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: bill will <billinaz@gn2.getnet.com>
Message-ID: <3lbv3j$hj6@clarknet.clark.net>
Source record: 259291
Cross-posted to: rec.radio.scanner,alt.law-enforcement

I like shooting cars close in with a Kustom HR-12 and watching
the front end of the car dip way down, and watch and listen as their
speed rapidly decreases. When the judge hears the part about
the vehicles speed tracking history and finds the guy guilty......

I like the gumbies buying the laser detectors.....goooooood luck!

4163. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: attgeorgew@aol.com
Message-ID: <3lc1lo$p4q@newsbf02.news.aol.com>
Source record: 259292

powell@chip.itron.com (Pigman Powell) wrote:
>I spent a day in a cop car as part of a "observer" program. We
>spent the day shooting radar beams into speeding cars.
>No surprise there, but as we were parked and looking
>northbound, The cop looked in his inside rear view mirror
>and then pointed his radar gun into his outside rear view
>mirror and grabbed a speed from another north bound car.
>The cop told me that any error would favor the speeder. I
>never heard of mirror action. Any comments?

He is probably referring to the fact that the Doppler shift
for an approaching target is different than that for a target
moving away. Since police radar relies on this Doppler
effect, the speed of an approaching vehicle would appear
higher than the same vehicle at the same speed moving away;
in this case, the error would favor the driver moving away.
The mirror itself has no effect on the speed reading.

George

4164. Is there a AM duckie anywhere ?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: sreider@hamlet.umd.edu
Message-ID: <3lc28i$5su@hamlet.umd.edu>
Source record: 259293

I'm in the market for an AM duckie antenna. Is there such
a thing , and where can I get one ?

Thanks

4165. ***SCOUT f. counter, for sale***

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: "Marcelo O. Guevara (el Che)" <argentin@shadow.net>
Message-ID: <Pine.SUN.3.91.950329115528.8279A-100000@anshar.shadow.net>
Source record: 259294

The Scout is the latest advance in hand held frecuency counters. Itexcels
at finding and recording frequencies for security, law enforcement, and
recreational monitoring applications.
The Scout is not a frequencycounter in the traditional sense because it
is not intended to be a measurement tool. Design to work with an antenna
to pick up transmitted frequencies, it is actually a frequency
recorder.Up to 400 unique frequencies can be stored in memoriy, along with
up to 255 hits on each frequenciy. The recorded frequencies can be played
back on the LCD display or data linked to a computer or CI-V equipped
communications receiver.
For discreet recording, The Scout is small enough to fit in the pocket.
Apager-style vibrator is built in to let the operator know when
frequencies are recorded during a walk-by. And others very cool features...
asking for a never used one , $470 USA dollars.

somos lo que somos, o somos los que estamos, si no somos los que somos,
para que somos los que estamos?
Marcelo O. Guevara

4166. Re: FCC approvals

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <796493264snz@javiaton.demon.co.uk>
Source record: 259295
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

In article <1995Mar29.003331.15336@sol.UVic.CA>
jshen@nerissa.UVic.CA "Jihua Shen" writes:

> Does anyone like to direct me to
> materials regarding to FCC/DOC Approvals?

I don't know if it will help with your quest and maynot have the info
you are after but you could try the FCC BBS - telephone
number is 301 725 1072 (2400, None,7,1 it might support faster speeds
now)

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \--
Internet : Clough@javiaton.demon.co.uk
\--/

4167. Re: UHF aircraft band.

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: domonkos@access.digex.net
Message-ID: <NyPUliubGodI079yn@access.digex.net>
Source record: 259296

In article <49373.nstn2539@fox.nstn.ca>, <nstn2539@fox.nstn.ca> wrote:
> I wouldn't be too worried about missing out on the UHF aircraft band(about
> 200MHz to 350MHz). I have been in ATC for a few years now, and most
> military aircraft have and use VHF. The only things you may miss are
> fighters' sides of conversations with ATC and most conversations between
> military aircraft in flight. Most ATC units transmit on VHF and UHF
> simultaneously so at least for that side of things, you might be able to
> determine what's being said by the fighter by what the ATC is saying. You
> will likely miss some good stuff for now, but just keep looking for a used
> scanner that has these bands. Maybe you'll get lucky. :)
> --

Yes and no. You'll find both mil and commercial flights on UHF/VHF. If you program in a 3 state wide area, or are fortunate to live near a training area, you'll have plenty to listen to.

Get a military aviation freq directory, and plug in the freqs in a wide area. I have over 200 programmed into my 2006 and I remote tape everything. I get 1 hours worth of non-stop mil action (per day), some dogfights, some live weapons testing (dive bombing, Maverick IR missles tests, etc) and some air-air refuel, and a lot of typical mil air traffic (check-ins with control towers, etc). That one hour of tape has no pauses, I use a no pause setting on my Nitelogger VOX adapter. If you just leave the scanner on at night at home you'll be disappointed, most of the activity seems to happen during the day. Here, at the Aberdeen Proving Grounds, Maryland, I get plenty of night traing missions since the A10's have night mission capabilities. Taping the activity while away nets the best results.

BTW, most the the national guard activity here (the A10's) are in the 30 - 40 Mhz band.

If you have a standard scanner (w/o mil air uhf) get the Mil Aviation directory and see if you get any nat'l guard activity on the low-vhf side. If you get the 'bug' like I did, get a uhf-mil-air capable scanner. You'll have tons to listen to.

Andy

4168. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A662C3.059E000563.uuout@iotp.com>
Source record: 259297

On 28 Mar 95 02:15pm, PIGMAN POWELL wrote to ALL:

PP> I spent a day in a cop car as part of a "observer" program. We spent
PP> the day s hooting radar beams into speeding cars.
PP> No surprise there, but as we were parked and looking northbound, The cop
PP> looked in his inside rear view mirror and then pointed his radar gun
PP> into his outside rear view mirror and grabbed a speed from another
PP> north bound car. The cop told me that any error would favor the
PP> speeder. I never heard of mirror action. Any comments?

Since a mirror is an optical device, and not an RF device, this is not a good practice, and cannot be condoned by the manufacturer of the radar unit. If *I* were given a ticket based on this type of speed measuring, and I knew it, chances are very good that I would not only get off, but the officer would probably be reprimanded for not following proper procedures.
The best way to use a radar gun is to aim it directly at the target vehicle from an angle of no more than ~15 degrees off the fore-aft axis of the target vehicle, with the transmitter being stationary. Non-target vehicles should NOT be in the transmitted radar beam, as the radar does not know which target the operator has in mind, and will return a reading from what it considers the BEST target, not necessarily the fastest. The more moving targets the radar gun sees, the less reliable is any reading it gives. Many police officers will argue this, saying that their ticket is good, but it just ain't so, and the sylabus that accompanies the radar units, to be used in officer training, point this out.
An interesting aside: I've listened on my scanner to radar units telling other units down the road which vehicles to pull over, and the speed to use on the citation. Since my last traffic ticket (over 18 years ago!) said that the signing officer had observed the infraction, I wondered how these guys were doing this! Turns out that modern citations only say that the signing officer has reason to believe that the infraction occurred! (There! Got this on subject!)

Bill Funk
Internet: bill.funk@iotp.com

... Life after death? Is it like terminate and stay resident?
* Silver Xpress V4.00 SW12853

4169. Re: Marymac Industries R.I.P.

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-290395113150@earl.llnl.gov>
Source record: 259298

In article <3lb3kv$6lg@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) wrote:
>
> A posting by Marymac Industries a few days ago on GEnie's SWL/Scanner
> section indicated that they had been bought out by Tandy/Radio Shack, &
> would be going out of business on 31 MAR 95.

The 800# has been disconnected.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@aol.com
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551

4170. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: skywalker@dino.qci.bioch.bcm.tmc.edu
Message-ID: <3lccfv$1vr@gazette.bcm.tmc.edu>
Source record: 259299

Here in Houston HPD Special Op's are testing the new laser system. Mounted in the rear of a Z-28 they just pull into a parking lot sight the laser in at grill level and start writting tickets. They caught so many the other day they had one unit firing the laser and two units writting tickets as fast as they could, they had quite a impressive line forming when I left the location. One of the units told me "If we get you with the laser, it's your ass in court"

tim

4171. Help me with my RS Pro-51

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: burl0012@maroon.tc.umn.edu
Message-ID: <burl0012-290395134244@cob17pmac13.micro.umn.edu>
Source record: 259300

I have recently purchased a RS Pro-51 and am curious about the modifications I keep reading about here. If you can help me via e-mail I would be most appreciative. Mine is stamped 12A3 on the back. I tried to used the procedure listed here and all it did was to wipe out all 150 frequencies I had programmed in.

If anyone has any info on good antennas to use please let me know.

Thanks in advance.

4172. Re: CB's

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: dstuart@rocket.cc.umr.edu
Message-ID: <3lcden$5v0@hptemp1.cc.umr.edu>
Source record: 259301

T Reynolds (skywalker@dino.qci.bioch.bcm.tmc.edu) wrote:
: Where are the CB channels on a scanner, what freq ?

: thanks,
: tim

To put it simply, there isn't.

1 -- CB is AM and scanners operate mostly on FM.

--
-- Dave Stuart
dstuart@umr.edu

4173. FS: AOR8000+Interface

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: dominic.post@the-boss.com
Message-ID: <1f1.8043.3415@the-boss.com>
Source record: 259302

Alex; I will make $650.00 offer.

-> dominic.post@the-boss.com <- -> f309.n2604.z1.fidonet.org <-
-> Now and Forever, The Past is Prologue <- -> Ridgefield,NJ <-

AL>I have a UK version of AOR8000 for sale with the computer interface. The uni
AL>is
AL>in perfect working condition. Manuals for the unit and the computer interfac
AL>are
AL>included. I preffer to sell both units as a package. Please make a reasonabl
AL>offer.

AL>alex@wwa.com
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

+---+
Mercury Computer Service, Inc. Dominic Post
BBS: (201) 568-7293 dominic.post@the-boss.com

___ __ _ __ __ __ _ _ __
| |__| |_ |_) | | |__ |__ |_) |_) |__
| | | |__ |_) |__| __| __| |_) |_) __|
+---+

4174. Re: Legal or Illegal????

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: levy@fndcd.fnal.gov
Message-ID: <1995Mar29.143122@fndcd.fnal.gov>
Source record: 259303

In article <D671u5.1EM@Newbridge.COM>, jweaver@Newbridge.COM (Jon Weaver) writes:
> I am wondering if anyone could answer this qustion FACTUALLY!!
>
> I want to know whether scanning Car Phones in the UK is Legal or Illegal?
>
> I remember that a few years ago, the situation was that you could legally
> scan car phones, but it was illegal to ACT on any infomation gained whilst
> doing this......
>
> Is this still the case or has the law changed.
>
> Any info appreciated
>
> Regards
>
> Jon

I'm not sure (or maybe I am), but I think that only the U.S. Govt. is stupid
enough to beleive that you can legislate privacy of unencrypted radio
transmissions.

--
==
[Fermi National Accelerator Laboratory]
==
[Mark E. Levy, N9RXF |]
[BitNet: LEVY@FNAL | Unix: The only computer virus]
[Internet: LEVY@FNAL.GOV | with a user interface.]
[HEPnet/SPAN: FNAL::LEVY (VMS!) | (such as it is...)]
==

4175. Need Hilton Head, SC Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <17370D9B9S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 259304

I would appreciate any frequency information covering Hilton Head, SC
and/or Sea Pines resort. Thanks!

4176. Re: UHF aircraft band.

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: rayrome@aol.com
Message-ID: <3lcgn6$s20@newsbf02.news.aol.com>
Source record: 259305

Concerning UHF 200MHz - 350MHz - you are right. ATC does normally broadcast over VHF and UHF simultaneously so I'm not missing out on that. What I do want to hear are the Air Refueling frequencies, the Command Post frequency and a few other ones used here on the AF base on which I live. Also - the local policy here is to use UHF when talking to Ground Control, Tower, Departure, Approach, etc. as much as possible instead of VHF. It gets old only hearing one part of the conversation
Ray R.

4177. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: huffman.79@postbox.acs.ohio-state.edu
Message-ID: <huffman.79.147.000FFA83@postbox.acs.ohio-state.edu>
Source record: 259306

In article <johnw.796155981@right1> johnw@right1.right.net (John Wilkerson) writes:
>From: johnw@right1.right.net (John Wilkerson)
>Subject: Re: Will Radio Shack repair pro2006 with cell mod
>Date: Sat, 25 Mar 1995 18:26:21 GMT

>mikef@anshar.shadow.net (Mike Fink) writes:

>>My Lo\Review key has died on my 2006 and it is still under warranty
>>will Radio Shack give me any grief because the cell mod diode is
>>clipped.

> Rat Shack will restore the diode you clipped, then charge you for this
>'repair'. They will restore the unit to origional specs....

>Had a friend with a computer, that he installed a 3rd party memory board...
>It broke down, and he brought it in for repair. They restored it... by
>throwing away his $200 memory board and charging him to replace the origional
>memory chips.

>
>--
>John L. Wilkerson Jr. jwilkers@right1.right.net

Does anyone have a faq for cellular restoration for the PRO 20xx series
scanners from Rat Shack?

Thanks...

B

4178. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Herrob <Bill.Herron@DaytonOH.attgis.com>
Message-ID: <D67DJy.M0K@ranger.daytonoh.attgis.com>
Source record: 259307

~
~Why would anyone want to monitor fast food drive thru's when there are so
~many interesting things to monitor. I'll have two Quarter Pounders with
~cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....
~
I just found the Micky D's freq. (35.020 Vandalia,OH) and listened for a while

some of the stuff they talk about when customers aren't there is pretty wild.
I
still haven't found out why this guy kept saying ring, ring all night long.

_-
Bill Herron
A.T.& T. GIS
E-mail Bill.Herron@DaytonOH.attgis.com
-_-

4179. Re: BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Bill Herron <Bill.Herron@DaytonOH.attgis.com>
Message-ID: <D67svB.9yB@ranger.daytonoh.attgis.com>
Source record: 259308

~I have seen several posts by people saying that the 8500XLT is
~not modifiable. Well I have news for ya. It is modifiable, I
~have done two of them. Continuous coverage, direct keyboard
~entry, etc etc etc. You don't lose any features either!
~No external converters or whatever...
~But it isn't just an easy open, clip, done mod. I posted this
~message about a year ago, but didn't really get any response.
~
~Maybe I should see if one of the mags wants to print it?
~
My buddy has just picked up I believe the model you are referring
to so please post or E-mail away. If not maybe someone else who
has The question's is my (??????) modifiable can be enlightened
by your discovery....

_-
Bill Herron
A.T.& T. GIS
E-mail Bill.Herron@DaytonOH.attgis.com
-_-

4180. Mods for PRO 20xx series of Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: huffman.79@postbox.acs.ohio-state.edu
Message-ID: <huffman.79.148.00104107@postbox.acs.ohio-state.edu>
Source record: 259309

Does anyone have a faq on mods for the PRO 20xx series of scanners?

Can you please post it or send it email?

Thanks

B

4181. Re: AR1000XLT QUERY?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: moninger@caesar.iaf.uiowa.edu
Message-ID: <3lcggo$dv9@nexus.uiowa.edu>
Source record: 259310
Cross-posted to: rec.radio.scanner,alt.radio.scanner.alt.radio.scanner.uk

In article <3lahar$rq7$1@adelaide.DIALix.oz.au>, matthew@adelaide.DIALix.oz.au (Matthew Volkmer) writes:
|>
|> Does anyone know if the AOR 1000 XLT scanner has an EEPROM memory.?
|> ------------ ------
|>
|> Meaning that the memories will be in place forever without batteries fitted.
|>
|>
|>
|> Many Thanks
|>
|> matthew@adelaide.DIALix.oz.au
Yes it does.
--
Thomas Moninger (moninger@emiris.iaf.uiowa.edu)
Central Electron Microscopy Research Facility
85 EMRB University of Iowa
Iowa City, IA 52242 319-335-8142

4182. AR8000 and CB freqs...

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: stavros@agora.rdrop.com
Message-ID: <D672H2.HHv@agora.rdrop.com>
Source record: 259311

I programed in the CB freqs in my ar8000, then scanned them. The performance was terrible. I drove out to the freeway to check it out, and took my CB radio with me. The AR800 sucked at pulling in CB stuff. This a common performance problem, or do I have a unit with a problem?

TTFN

-Steven

4183. Radio Shack PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Gregory Blasbalg <gbla7587@uriacc.uri.edu>
Message-ID: <3lck7a$9dj@bubbla.uri.edu>
Source record: 259312

I just bought a Radio Shack PRO-51 and I tried the keyboard mod but it did not seem to work. It did give me access to some test frequencies but none of them were in the 888Mhz range. Have newer versions been modified so that the mod no longer works and if so what can I do? Secondly I have been able to pick up what appear to be cellular calls in the 900 mhz band. There is constant traffic here in my area (Rhode Island) on freqs like 903.750, 905.012, 911.550. Are these cellular calls or if not what are they? Lastly I know this is a FAQ but what are the freqs used by _cordless_ phones. Thanks for your help in advance!

4184. Need help w/ AR8000

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: seguine@sirius.com
Message-ID: <seguine-2903951346490001@slip135.sirius.com>
Source record: 259313

I just got the service manuual for my AR8000. I want to hook up a tone decoder, probably the opto one. For best results you need to go into the "discriminator point" - whatever that is. So here is what I found:

"2.6 AF circuit. U6 is AF selector and switched signal passes throuugh U5A H.P.F then amplified in U4 for speaker drive. U5A cuts less than 400Hz unwanted signal like CTCSS tone. (Ah-HA!!) Q15,Q19 work as audio mute switch and U5B is AF amplifier for AF SCAN."

Now what? Can this U5A just be disabled so it doesnt do a low freq cut? Then I wouln't need an extra connection just take the normal audio out, right? and it shouldn't be a problem hearing this 400Hz junk since its subaudible anyway right?
Help.

thanks
-chris

.....C$
Christopher Seguine Sublime Films
seguine@sirius.com San Francisco, CA

4185. Re: Wireless Phone Jack Frequency?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: scanman@cml.com
Message-ID: <3lckus$a21@news.compulink.com>
Source record: 259314

David J. Ingalls (ingallsd@iea.com) wrote:
: In article <3kfdep$e6@news.compulink.com>, scanman@cml.com (scanman) says:
: >
: >I saw an ad for a new device by RCA, which consisted of two pieces. One plugs
: >into the phone jack and the other plugs into the phone, which can now be
: >used anywhere in the house just like a cordless phone. Does anyone know
: >what frequencies this thing uses?
: >

: I believe that device you are refering to also plugs into an AC outlet
: and uses PLC techniques to connect the jack and the phone. Therefore,
: you are unlikely to be able to monitor those communications.

: Dave

Oh. Bummer.

Scanmn

: ComputerLink Online Inc. Realms of Despair! :
: (416)233-5410, 192 lines telnet mud.compulink.com 4000 :
: T1 bandwidth, 300-28,800 bps endless medieval enjoyment! :
: :
: Join our International Teleconference --> chat.compulink.com 9000 :

4186. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: howardmo@haven.ios.com
Message-ID: <3lck01$94k@ankh.iia.org>
Source record: 259315

In article <8A662C3.059E000563.uuout@iotp.com>, bill.funk@iotp.com (BILL FUNK) says:
>
>
An interesting aside: I've listened on my scanner to radar units telling
> other units down the road which vehicles to pull over, and the speed to use
> on the citation. Since my last traffic ticket (over 18 years ago!) said that
> the signing officer had observed the infraction, I wondered how these guys
> were doing this! Turns out that modern citations only say that the signing
> officer has reason to believe that the infraction occurred! (There! Got this
> on subject!)
>
>Bill Funk
> Internet: bill.funk@iotp.com
>
>... Life after death? Is it like terminate and stay resident?
> * Silver Xpress V4.00 SW12853

I know a fellow who argued in court that because the officer appearing
in the court room to testify was the citing officer and not the cop
who aimed the radar gun , it was hearsay testimony and not admissable.
The judge agreed and dismissed.

/Howie

4187. Electronic Equipment Bank

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: clark.neider@iotp.com
Message-ID: <8A662EE.059E000564.uuout@iotp.com>
Source record: 259316

Has anyone ever had a problem with the Service Dept. at EEB?

I sent my AOR AR1000XLT to them for warranty service via FedEx on March 14th. The AC adapter, DC plug, antenna, case, strap, and batteries were included along with a cover letter itemizing the contents and a copy of the bill of sale.

The repaired unit was returned today via FedEx per my instructions. Regrettably, the antenna, strap, AC Adapter and DC Power plug were missing. I immediately phoned EEB to report the discrepency. They claimed that they never received these items. Yet, their own packing list includes them.

I shipped the package via FedEx myself after wrapping the unit in bubble wrap, protecting that with foam, using a double wall cardboard carton, and sealing it with duct tape. The accessory items were in the same carton but separate from the AR1000XLT.

I've filed a loss claim with FedEx and hope they'll get together with EEB and work something out. It's not plausible that I'd scam them over < $50.00 worth of accessories when there is a $400.00 scanner in the box.

The people at EEB are courteous and cooperative, as are the customer service representatives at FedEx. I'm confident that everything will turn out all right. I just want to know if this has only happened to me.

... ICOM R7100, the semiautomatic assault scanner!
___ Blue Wave/QWK v2.12

4188. scanner wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: pchantler@infinity.uucp
Message-ID: <3lcfbl$kea@noc.tor.hookup.net>
Source record: 259317

I'm looking for a good used scanner. Anyone in the greater Toronto area that has one for sale can contact me via E-mail at pchantler@infinity-online.com

Thanks

Paul

4189. Uniden

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: dew@UWYO.EDU
Message-ID: <1995Mar29.083126.9627@roper.uwyo.edu>
Source record: 259318

I was just wondering if I have been the only person that has been treated poorly by Uniden. I purchased a BC 8500XLT and had problems with it, the same problems as reported by almost every 8500XLT owner. I contacted Uniden and they suggested that I send the unit to them for repair/update (?). When I got the unit back it made more noise than it did before I sent them the scanner (that annoying squelch tail noise). I then wrote them a letter explaining all the problems that I had with the scanner and the "repair". After 2 months I had no reply and then called their customer support line. I was told that they have a policy of quickly responding to such letters. I was then given a specific person to address the letter to. I sent out another letter and now, 2 months later, I still have not heard anything. I have sold my 8500xlt and would like to look at the new Uniden handheld 3000 but with this treatment I think I will save my money for an AOR 8000. Is Uniden this crapy to all of its customers, and if so, I think people should be warned to stay away untill they change their attitude!?

David

4190. BC200XLT Battery Pack

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: dbrewer@nr.infi.net
Message-ID: <3lcrc6$i5l@lucy.infi.net>
Source record: 259319

A friend of mine has a bc200xlt and needs a battery pack for it.
Does anyone know where to get one? New or used would be fine, he said.
Thanks in advance.

4191. JDR sells scan'r aids.

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: amike@maniac.med.miami.edu
Message-ID: <3lcr2d$eom@miasun.med.miami.edu>
Source record: 259320

Just to let everyone know,
JDR Microdevices sells a kit which will
convert the blocked freq's to the 400 Mhz area.

Also kits for bugs which can be scanned.

Mike A.

4192. Radio Shack 2004, low sensitivity

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <3lc7et$ivp@mrnews.mro.dec.com>
Source record: 259321

I have a 2004 thats a little deaf and was wondering if I could get some tips on where to start trouble shooting. Does anyone have a diagram they could fax me?

thanks,
Ken

4193. Re: BC 2500XLT question

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: smeier@uspto.gov
Message-ID: <3lctt1$7ll@pioneer.uspto.gov>
Source record: 259322

Gary W. Cook (gcook@netcom.com) wrote:
: Zeet (newt@halcyon.com) wrote:
: : I have a BC2500XLT, and I love it. But I have one question - How long
: : is the memory held? So far, I have not had the scanner's battery run
: : out without another to replace it, but this is a big question for me,
: : as I really don't want to type in 350 channels again. :) Does anybody
: : have the service manual? Thanks.

: : -Zeet

: I let my 2500 sit around for over 6 months with a dead battery and
: didn't loose any of the programmed channels.g

: --
: Gary W. Cook
: gcook@netcom.com (personal) or gary@mce.com (work)

Zeet:

I tried to erase my memory on purpose by taking the battery off for 3 weeks. Still kept its memory. Now I know (via this newsgroup) that all had to do was push 2, 9, and manual at the same time and then power up to erase. But at the time I didn't know that. Anyway, it's almost impossible to erase with just a bad battery.

Stephen

4194. WWW Freq Site Update

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: martyf@interport.net
Message-ID: <3lcv7m$4g3@interport.net>
Source record: 259323
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Well folks, the response has been small, but steady. Just a reminder to any of you who may have missed it, I've put a simple, but well organized Web page up at http://www.okc.com/freq-out/

The only thing in it is frequencies for USA and Canada. No mod files, no extra chatter, just organized lists of frequencies by service, state, city and so on.

I'm in New York City (Boy that Fulton Market fire was a real major scanning opportunity) so most of the freqs are for the New York Area. People have been real good in freqs from Canada, Kansas City, Florida and elsewhere. I'll keep putting stuff on if you all keep sending it to freqs@okc.com

Over & Out

4195. Pref on Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: fagler@rmii.com
Message-ID: <3ld354$mf6@rainbow.rmii.com>
Source record: 259324

Hello,

Yes this is probaly a repeat but I have been reading the news
group but haven't found a good list. I need to know what type of scanner
is the best for the price range of up to $450.00. I have currently owned
a pro-62 and was very dissatified with it. I am currently looking at
getting a unided sportscanner 150 or a bearcat 200xlt.

Thanks,
Harvey Fagler Jr (Tony)
--
~~~~~~
Harvey Fagler
fagler@rmii.com
~~~~~~

4196. FS: Bearcat BC890XLT, full Cellular

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: starr@deltanet.com
Message-ID: <3lcrcm$nig@alterdial.UU.NET>
Source record: 259466
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

Perfect condition Uniden Bearcat BC890XLT scanner.
Receives full Cellular band with correct step size.
Original packaging and materials.

$150

E-mail if interested.

4197. Re: Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: li95001@sable.ox.ac.uk
Message-ID: <1995Mar29.154853.27988@inca.comlab.ox.ac.uk>
Source record: 259467
Cross-posted to: rec.radio.shortwave,uk.radio.amateur,rec.radio.scanner,alt.radio.scanner.uk

Gordon B. Slater <gordy@gbscomms.win-uk.net> wrote:
>
>anyone know how to read info like this if you don't have http access???
>How do I do it with email, or is it not possible?

Well, there are a few telnet / hypertext gateways available, though I would
think all these would be text only (ie you can't see any images or hear
any sounds etc included in the pages), but try this:

telnet to 'rsl.ox.ac.uk', and log in as 'lynx', as the connection message
invites. (There's no password needed).
You are them effectively using the lynx software, which is a
text only hypertext browser. To open a specific URL (page), press the
'g' key, and give the location of the page, for example:
http://www.demon.co.uk/lowe/index.html

Better still, install lynx or mosaic or netscape on your system...

Hope this helps,

Paul.

--
___ You wanna go further, | Paul Hirst Lincoln College, Oxford. OX1 3DR
----V---- faster every day, but | Paul.Hirst@Lincoln.ox.ac.uk, g7ndc@amsat.org
in the morning you'll be gone... | li95001@sable.ox.ac.uk ^best (alledgedly)
URLs: http://sable.ox.ac.uk/~li95001/ and http://sable.ox.ac.uk/~gliding/

4198. RE: FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Vaughan.Huska@odxabbs.tor250.org
Message-ID: <91c_9503292011@tor250.org>
Source record: 259468

Hi ya.

As you stated from experience....

-> I listened to a McDonalds Freq here in town and heard some pretty
-> funny stuff. Whats really great is driving up to the order window
-> with the car wndow rolled up and opening up the vent window saying
-> your order and than changing it. Meanwhile the kid is wondering how
-> you can hear them.

What a lot of them don't know, or seem to remember, is that once
the order is taken, or even before it is, their mic on the transmitter
pack is always "hot" (ever see the battery belts on those things?) and
even though it's a low power transmitter, they are sending that stuff
out over the air. I've only heard a few window-servers ever shut
off the mic.

I've heard many a swear-fest and ideas on what to do the food as
the employees hate their jobs, the customers and manager as picked up on
my scanner at the local Mc D's/Burger King/Taco Bell and Wendy's.

I know that if I were a manager at one of those places, I'd
definately own a scanner for sure, but that opens up a whole new can of
worms, now doesn't it?

Type to you later,

Vaughan Huska
--
| Fidonet : Vaughan Huska 1:250/930
| Internet: Vaughan.Huska@odxabbs.tor250.org

4199. Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <91d_9503292011@tor250.org>
Source record: 259469

```
AD>From: adamatt@aol.com (AdaMatt)
AD>Newsgroups: rec.radio.scanner
AD>Subject: Wireless mics
AD>Date: 27 Mar 1995 00:30:51 -0500
AD>Organization: America Online, Inc. (1-800-827-6364)
AD>Lines: 11
AD>Sender: root@newsbf02.news.aol.com
AD>Message-Id: <3l5iib$c9u@newsbf02.news.aol.com>
AD>Reply-To: adamatt@aol.com (AdaMatt)
AD>Nntp-Posting-Host: newsbf02.mail.aol.com

AD>For those wanting to listen in on wireless I was on a TV set the other day

What were ya doing on a tv set,didn't ya fall off? <G>

Dan
---
* SLMR 2.1 * if ya'think computers are fun,wait till ya try group sex!
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
```

4200. Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <91e_9503292011@tor250.org>
Source record: 259470

```
AD>From: adamatt@aol.com (AdaMatt)
AD>Newsgroups: rec.radio.scanner
AD>Subject: Wireless mics
AD>Date: 27 Mar 1995 00:30:51 -0500
AD>Organization: America Online, Inc. (1-800-827-6364)
AD>Lines: 11
AD>Sender: root@newsbf02.news.aol.com
AD>Message-Id: <3l5iib$c9u@newsbf02.news.aol.com>
AD>Reply-To: adamatt@aol.com (AdaMatt)
AD>Nntp-Posting-Host: newsbf02.mail.aol.com

AD>For those wanting to listen in on wireless I was on a TV set the other day

What were ya doing on a tv set,didn't ya fall off? <G>

Dan
---
* SLMR 2.1 * if ya'think computers are fun,wait till ya try group sex!
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org
```

4201. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <91f_9503292011@tor250.org>
Source record: 259471

BU>From: bundy@worm.hooked.net (Bundy Chanock)
BU>Newsgroups: rec.radio.scanner
BU>Subject: Re: Air Force 2 Intercept
BU>Date: 28 Mar 1995 17:58:25 -0800
BU>Organization: Hooked
BU>Lines: 18
BU>Message-Id: <3laes1$7cf@worm.hooked.net>
BU>Nntp-Posting-Host: worm.hooked.net

BU>zimm@cybernetics.com (Chris Zimmerman) wrote:

BU>>
BU>>I intercepted traffic from Air Force 2 on 415.700MHz.
BU>>AF2 was calling *Royal Crown*. They sent tones to each
BU>>other, that sounded like two modems handshaking. AF2
BU>>had a poor copy on Royal Crown and they were unable to
BU>>get the tones to work. AF2 said "I certainly don't want
BU>>*Sundance* not getting this call". Anybody have any
BU>>idea who *Royal Crown* is and who *Sundance* is?
BU>>Finally after about 30 mins. of trying the tones,they
BU>>gave up on it.

BU>Royal Crown is the White House Comm. Center and believe it or
BU>not, Sundance is Ethel Kennedy.

We have Ethel Kennedy , Al Gore, who next. Callsigns are transferable folks. I wouldn't bet on any call signs being assigned for life, more likely a call sign or group of call signs may relate to a position.
Dan
---
* SLMR 2.1 * The future is'nt what it used to be.
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4202. Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Chris.Asselin@odxabbs.tor250.org
Message-ID: <920_9503292011@tor250.org>
Source record: 259472

Hi, Daniel.

-> AD>For those wanting to listen in on wireless I was on a TV set the
-> other day
->
-> What were ya doing on a tv set, didn't ya fall off? <G>

ROFL! I know what he meant, but just picture that if you will?

I can just see the poor sap standing atop his 26" in his living
room hitting the `scan' button on his scanner scoring a bonafide
frequency.

See ya
--
| Fidonet : Chris Asselin 1:250/930
| Internet: Chris.Asselin@odxabbs.tor250.org

4203. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: Chris.Asselin@odxabbs.tor250.org
Message-ID: <921_9503292011@tor250.org>
Source record: 259473

Hi again, Daniel.

You were asking the following.....

-> We have Ethel Kennedy , Al Gore, who next. Callsigns are
-> transferable folks.

I'll take Hillary for 500, Alex.

Later :)
--
| Fidonet : Chris Asselin 1:250/930
| Internet: Chris.Asselin@odxabbs.tor250.org

4204. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:00:00 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950329172124.16625D-100000@holmes.ece.orst.edu>
Source record: 259474
Cross-posted to: rec.radio.scanner,alt.law-enforcement

On 29 Mar 1995, bill will wrote:

> I like shooting cars close in with a Kustom HR-12 and watching
> the front end of the car dip way down, and watch and listen as their
> speed rapidly decreases. When the judge hears the part about
> the vehicles speed tracking history and finds the guy guilty......

I like jamming the HR-12 with a sig gen. It's real fun! The cops turn it on....Then turn it off......Then turn it on.......Then turn it off......Then turn it on...I especially like the RCA dog look they give you. Too bad the military won't let me keep it.
The best is when the officer comes up and says "Any idea how fast you were going???" After you say no it's really funny when he says "Are you sure, because I was using radar. Last chance." I had an officer say he was going to confiscate the "yellow box". Yeah, sure.

Any one with access to a sig gen give it a try. It's even better with a scanner so you can listen to him bitch and whine to control.
"Would you like some cheese with that whine!!!"

4205. Re: Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:04:00 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <3la85g$8i0@strauss.udel.edu>
Source record: 259428

In article <3l9rmm$ap7@anshar.shadow.net>,
Marcelo Guevara <argentin@anshar.shadow.net> wrote:
>
>I have a New Scout 25 model with 400 memories. Asking $500 U.S.A dollars

Is this the same unit that is listed by Grove (Telephone: 800-438-8155)
for $449.95? If it is, does anyone have even a better price? Thanks.
--
Ken Morrill <kmorrill@strauss.udel.edu>

4206. FCC approvals

Newsgroup: rec.radio.scanner
Date: 1995-03-29 00:33:31 UTC
From: jshen@nerissa.UVic.CA
Message-ID: <1995Mar29.003331.15336@sol.UVic.CA>
Source record: 259431
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.radio.scanner.uk

Does anyone like to direct me to
materials regarding to FCC/DOC Approvals?

adTHANXvance

4207. Re: St. Louis Frequencies?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 01:47:54 UTC
From: BJJM38A@prodigy.com
Message-ID: <3lae8a$76u@usenetw1.news.prodigy.com>
Source record: 259433

These are freqs I gathered while living in Florissant. They are at least 2 years old, but I thought you might like them anyway. Descriptions that start with BOOK are ones I got from the Bearcat Betty book. Others are freqs I scanned and heard enough to determine what they were.

Frequency Description
259.1000 Scott afb approach
257.7000 110 TFS Missouri ANG
118.5000 Lambert tower
118.9500 Lambert departure
119.1500 Lambert departure
119.7500 Lambert approach/departure
120.0500 Lambert approach/departure
121.6500 Lambert ground
121.9000 Lambert ground
122.9500
123.7000 Lambert approach
124.9000 Lambert departure
125.1500 Lambert approach
126.5000 Lambert approach
126.7000 Lambert approach/departure
162.5500 St Louis Weather station
121.2500 Lambert, sounds like departure
119.9250 Lambert ATIS
120.4500 Lambert ATIS
124.1000
131.3500
154.8450 Book:St Louis Co sheriff
154.8750 St Louis County police
155.1300 Book:St Louis Co sheriff
155.5650 Book:St Louis Co sheriff
155.6550 Book:St Louis Co sheriff
460.0000
154.7250 Book:Hazelwood police, et al
460.4250 Book:St Louis county sheriff
460.4750
855.4500
157.4400
155.0100 Book:Ferguson PD
856.4750
155.5350 Book:flor. valley community & state of MO.
153.8300
154.4000 Florissant valley fire
155.3400 St Louis ambulance

155.2200 ambulance call
47.5000
460.3250
154.3250 various EMS calls
154.5700
155.1150
453.2250 Florissant police
458.2250
453.2750
458.2750
453.3250 Florissant police
458.3250
154.7550 Missouri Highway Patrol
151.8650
155.7450 Book:Hazelwood police
154.9650 Book:Hazelwood police
474.8000 Lambert Airport Police

4208. Re: FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-29 01:49:22 UTC
From: dstuart@saucer.cc.umr.edu
Message-ID: <3laeb2$iu2@hptemp1.cc.umr.edu>
Source record: 259243

```
: OK, no flames...
: How about a Hot Foot?
: Anyway, I have friends who ask me why I listen to the police. Even after
: they hear a high speed chase, culminating in a major accident and foot
: chase and search involving K-9s, they still didn't want to get involved with
: listening. Just wasn't their cup of tea.
: So, in the same fashion, you don't get turned on by listening to fast food
: drive-in chatter. Neither do I. But if that's what they want to listen to,
: let 'em.
: While they are counting Big Mac orders, we'll listen to the good stuff! ;-)

: Bill Funk
: Internet: bill.funk@iotp.com

What about those of us with 200 ch scanners? Can we have the best of both
world?

--
-- Dave Stuart
dstuart@umr.edu
```

4209. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-29 01:58:25 UTC
From: bundy@worm.hooked.net
Message-ID: <3laes1$7cf@worm.hooked.net>
Source record: 259434

zimm@cybernetics.com (Chris Zimmerman) wrote:

>
>I intercepted traffic from Air Force 2 on 415.700MHz.
>AF2 was calling *Royal Crown*. They sent tones to each
>other, that sounded like two modems handshaking. AF2
>had a poor copy on Royal Crown and they were unable to
>get the tones to work. AF2 said "I certainly don't want
>*Sundance* not getting this call". Anybody have any
>idea who *Royal Crown* is and who *Sundance* is?
>Finally after about 30 mins. of trying the tones,they
>gave up on it.

Royal Crown is the White House Comm. Center and believe it or
not, Sundance is Ethel Kennedy.

4210. Re: Secret Service

Newsgroup: rec.radio.scanner
Date: 1995-03-29 02:02:40 UTC
From: bundy@worm.hooked.net
Message-ID: <3laf40$7lh@worm.hooked.net>
Source record: 259436

spiel@curly.cc.emory.edu (Stephan Piel) wrote:

>
>I'm looking for Secret Service freqs for the
>President's and VP's security details. I would also
>like any other freqs related to their security. Bill
>and Al coming to my campus on Thursday, and I would
>like to listen in. Thanks in advance.

Name of Organization Freq Description
Designate
------------------- --------
------------------------------ ---------
SECRET SERVICE 166.2125 PRESIDENT / V.P. SECURITY
HOTEL
SECRET SERVICE 415.675 COMMUNICATIONS DIVISION
GOLD
SECRET SERVICE 164.10 PRESIDENTIAL / V.P.
SECURITY VICTOR
SECRET SERVICE 167.825 WHCA
KILO
SECRET SERVICE 407.925 PRESIDENT / V.P. SECURITY
INDIA
SECRET SERVICE 407.85 AIR FORCE 1 & 2 TELEPHONE
- ECHO
GROUND
SECRET SERVICE 171.2875 PRESIDENT LOCAL TELEPHONE
ZULU
MOBILE
SECRET SERVICE 162.6875 PRESIDENT LOCAL TELEPHONE
BASE YANKEE
SECRET SERVICE 167.025 PRESIDENTIAL PAGING &
SUPPORT WHISKEY
SECRET SERVICE 164.8875 PRESIDENTIAL PROTECTION
OSCAR
SECRET SERVICE 166.7 PRESIDENTIAL PROTECTION
NOVEMBER
SECRET SERVICE 166.5125 PRESIDENT COMMAND POST
SIERRA
SECRET SERVICE 164.65 FIELD OFFICES - TACTICAL
TANGO
SECRET SERVICE 165.2125 FIELD OFFICES - TACTICAL
MIKE
SECRET SERVICE 165.375 FIELD OFFICES - SAN
FRANCISCO CHARLIE

SECRET SERVICE 165.7875 FIELD OFFICES - SACRAMENTO
BAKER
SECRET SERVICE 169.925 COMMUNICATIONS VANS - WHCA
DELTA
SECRET SERVICE 164.4
PAPA

Charlie and Mike get very busy just before and after a visit
(at least in San Francisco).

4211. scanner mods

Newsgroup: rec.radio.scanner
Date: 1995-03-29 02:06:06 UTC
From: rockerusa@aol.com
Message-ID: <3lafae$fn5@newsbf02.news.aol.com>
Source record: 259437

I would like to know of any mods that apply to the Cobra SR900 model scanner.

please reply via E-Mail,

thanks,

RockerUSA
RockerUSA

4212. Re: Was my PRO-51 a good choice?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 02:11:07 UTC
From: rayrome@aol.com
Message-ID: <3lafjr$fqc@newsbf02.news.aol.com>
Source record: 259438

I bought the PRO-51 and love it. The only thing I wish I had were the
frequencies in the 200-300 range so I could hear some more of the military
frequencies. I knew that the PRO-51 didn't have these freqs but at the
time I couldn't justify the extra cost to get one that did.
Ray R.

4213. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 02:17:35 UTC
From: vector@inferno.com
Message-ID: <015553CRQYBAPTLQFXFN@inferno.com>
Source record: 259244

I2>>It's not encrypted, because it doesn't need to be..... It's DIGITAL

I2> Here's an interesting phenomenon: I've taken the SABER's my firm uses and
I2>transmitted directly to my scanner in the same room. I get clear returns on
I2>several different frequencies, but when I scan those freq's for other SABERs
I2>at longer ranges, I get nothing. Any ideas?

what kind of scanner antenna are you using? are you listening to a
repeater input frequency? what band are the sabers on? how far away is
"...at longer ranges,..."?

any of these will affect the explanation i could give you.

greg

kd6ven

vector@inferno.com

4214. Re: Is pro62 RS best?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 02:29:18 UTC
From: tweaver@onramp.net
Message-ID: <3laglu$6g5@news.onramp.net>
Source record: 259439

In article <ps2bPAy.sigint@delphi.com>, sigint@delphi.com writes...
>
>Is the Pro 62 RS best handheld scanner currently being manufactured?
>

If cost is not in the equation, IMHO, the AR8000 is by far the best/most capable handheld manufactured. priced $589-$649 (US model) depending on where you buy it.

(a happy 8000 owner :)

regards,
Tom Weaver
tweaver@onramp.net

4215. AR1000XLT QUERY?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 02:40:27 UTC
From: matthew@adelaide.DIALix.oz.au
Message-ID: <3lahar$rq7$1@adelaide.DIALix.oz.au>
Source record: 259441
Cross-posted to: rec.radio.scanner,alt.radio.scanner.alt.radio.scanner.uk

Does anyone know if the AOR 1000 XLT scanner has an EEPROM memory.?
------------ ------

Meaning that the memories will be in place forever without batteries fitted.

Many Thanks

matthew@adelaide.DIALix.oz.au

4216. AR8000 (UK) fir sale

Newsgroup: rec.radio.scanner
Date: 1995-03-29 04:41:22 UTC
From: donalds644@aol.com
Message-ID: <3laodi$inv@newsbf02.news.aol.com>
Source record: 259452

Ar8000 for sale. Continuous coverage (UK version), $650 or best offer.
Please email response.

stegner@richmond.infi.net

4217. "old" RS Police Call

Newsgroup: rec.radio.scanner
Date: 1995-03-29 04:44:23 UTC
From: wa5iyx@n8naa.sat.tx.us
Message-ID: <ockP3c1w165w@n8naa.sat.tx.us>
Source record: 259453

Anyone with old Radio Shack Police Call directories they'd be willing
to part with? I am mostly interested in Vols. 1, 2, and 9 (as my most
recent of those are 1981 vintage!) I mainly just need the 30-50 MHz
listings for use in identifying the F2-skip signals from those
regions (lots of "new" 4-letter/3-number calls). With the
sunspot minimum again approaching there'll be less of that though.

E-mail replies OK.

73, Pat
WA5IYX

****
wa5iyx@n8naa.sat.tx.us (Patrick J. Dyer)
The Packet Rat BBS San Antonio, Texas, USA (210)494-2849
****

4218. Contact POP'COMM via the Internet

Newsgroup: rec.radio.scanner
Date: 1995-03-29 05:25:35 UTC
From: popcomm@aol.com
Message-ID: <3lar0f$jij@newsbf02.news.aol.com>
Source record: 259456

You now can reach POPULAR COMMUNICATIONS magazine's writers and editors via the Internet. Send your e-mail addressed to POPCOMM@aol.com.

This e-mail address also can assist you with your subscription problems, back issues, advertising, etc.

We welcome your input for our columns!

73,
Chuck Gysi, N2DUP
POPCOMM@aol.com
Popular Communications online representative
CQ Communications Inc.
76 N. Broadway
Hicksville NY 11801-2909
(516) 681-2922 voice / (516) 681-2926 fax

4219. Re: Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-29 06:25:54 UTC
From: tjmiles@ix.netcom.com
Message-ID: <3lauhi$8kk@ixnews3.ix.netcom.com>
Source record: 259457

In <3l9rmm$ap7@anshar.shadow.net> argentin@anshar.shadow.net (Marcelo Guevara) writes:

>
>
>I have a New Scout 25 model with 400 memories. Asking $500 U.S.A dollars
>
>

I thought that the 400 memory Scout was called the Scout 40(?). If not, then what's the difference between the two?

Terry

--
tjmiles@ix.netcom.com

4220. Final Four (Seattle) Freq's?

Newsgroup: rec.radio.scanner
Date: 1995-03-29 06:47:27 UTC
From: maverick@csulb.edu
Message-ID: <3lavpv$2sq@garuda.csulb.edu>
Source record: 259459

Hi, I'll be attending the NCAA Final Four in Seattle and was wondering whether anyone knows of any interesting frequencies I can tune to? Such as:

1) Kingdome security
2) NCAA Tournament Committee
3) Seattle police
4) Seattle fire
5) Downtown hotels etc.
6) CBS sports operations
7) UCLA/Oklahoma St./Arkansas/Univ N. Carolina athletic departments

I am not from Seattle and am having trouble locating these frequencies. Thank you very much for the help. Please feel free to email me directly if you wish.

Sincerely,

Hiran

4221. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-29 07:44:25 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3lb34p$6cp@umcc.umcc.umich.edu>
Source record: 259463

In article <3la2ql$a98@umcc.umcc.umich.edu>,
Les Butler <lbutler@umcc.umcc.umich.edu> wrote:
>In article <3l9poa$50k@news0.cybernetics.net>,
>Chris Zimmerman <zimm@cybernetics.com> wrote:
>>I intercepted traffic from Air Force 2 on 415.700MHz. AF2 was calling
>>*Royal Crown*. They sent tones to each other, that sounded like two
>>modems handshaking. AF2 had a poor copy on Royal Crown and they were
>>unable to get the tones to work. AF2 said "I certainly don't want
>>*Sundance* not getting this call". Anybody have any idea who *Royal
>>Crown* is and who *Sundance* is? Finally after about 30 mins. of trying
>>the tones,they gave up on it.
>>
>
>
>Royal Crown is the White House Communications Agency. Sundance is the
>Vice President (Al Gore) hence the importance of him getting the call.
>Air force 2 is the aircraft I.D. when the V.P. is on board. He flys a 707
>and Air Force 1 is a 747....The Presidents' code name is Eagle.....
>Les

RC is a specific function/location/etc. of WHCA. Les is wrong about
the aircraft types. There are a bunch of different aircraft that could
be used as AF1 or AF2, depending on mission requirements.

By the way, the modem stuff you heard on that circuit was an
attempt to use a STU-III secure telephone instrument over the RF link.

> >-- >Les Butler

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 In cyberspace, noone can hear you scream.

4222. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-29 07:46:21 UTC
From: daemon <yourmom@your.house>
Message-ID: <3lb38d$eq3@metroux.metrobbs.com>
Source record: 259464

> I spent a day in a cop car as part of a "observer" program. We spent the day shooting radar beams into speeding cars.
> No surprise there, but as we were parked and looking northbound, The cop
> looked in his inside rear view mirror and then pointed his radar gun into
> his outside rear view mirror and grabbed a speed from another north bound
> car. The cop told me that any error would favor the speeder. I never
> heard of mirror action. Any comments?
>
> Pigman

Yeah, I have a comment to that. It's not admissible in court due to the fact that the radar manufacturers specifically state in the user manual of the doppler radar device that signals recieved from objects that have been reflected or refracted off of any reflective material may be inaccurate and will most of the time not achive a reading on the radar at all. If you use use common sense and think about it, though, the radar is picking up the time that it takes to hit the mirror, bounce off, hit the target, bounce off, hit the mirror again, and then the feedhorn of the radar instead of just a straight shot from the feedhorn of the radar to the target and back.

The reason that I say this is because I myself am a police officer and have gotten my ass burned in a court of law when this citizen one day decided that he was smarter than I was when it comes to radar cause he saw me bounce it off the passengers side rear-view mirror when I got him. Needless to say the judge let him off the hook, and a memo was issued to all officers NOT to be "rear-view clockin'" And I no longer do.

4223. Marymac Industries R.I.P.

Newsgroup: rec.radio.scanner
Date: 1995-03-29 07:53:03 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <3lb3kv$6lg@umcc.umcc.umich.edu>
Source record: 259465

A posting by Marymac Industries a few days ago on GEnie's SWL/Scanner section indicated that they had been bought out by Tandy/Radio Shack, & would be going out of business on 31 MAR 95.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve: 72571,1005 GEnie: T.Tyler5 AOL: Hooligan
Ypsilanti MI
48197 In cyberspace, noone can hear you scream.

4224. Re: FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-29 08:17:53 UTC
From: kjk11@lennon.csufresno.edu
Message-ID: <D670Dt.KCD@zimmer.CSUFresno.EDU>
Source record: 259238

```
In article <3laeb2$iu2@hptemp1.cc.umr.edu>,
David Stuart <dstuart@saucer.cc.umr.edu> wrote:
>
>: OK, no flames...
>: How about a Hot Foot?
>: Anyway, I have friends who ask me why I listen to the police. Even after
>: they hear a high speed chase, culminating in a major accident and foot
>: chase and search involving K-9s, they still didn't want to get involved with
>: listening. Just wasn't their cup of tea.
>: So, in the same fashion, you don't get turned on by listening to fast food
>: drive-in chatter. Neither do I. But if that's what they want to listen to,
>: let 'em.
>: While they are counting Big Mac orders, we'll listen to the good stuff! ;-)
>
>: Bill Funk
>: Internet: bill.funk@iotp.com
>
>What about those of us with 200 ch scanners? Can we have the best of both
>world?
>
>--
>-- Dave Stuart
>dstuart@umr.edu
>
The local In-N-Out burger stand back home uses the same freq. as the
county-wide ambulance company uses for a secondary. I like going through
the drive through and listening to the car in front of me and then saying
"Yes, I would like to have what she had, but hold the oniions, and make
my shake chocolate instead of vanila" Drives 'em crazy!

Ken Koller
Photgrpaher/Reporter
The Daily Collegian
California State University, Fresno

kjk11@lennon.pub.csufresno.edu
kjk00@mondrian.csufresno.edu

[][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][
| | | | | | | | | | | |
| | | | | | | | | | | |
[][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][][
"Photographers expose themselves in the dark."

--
```

Ken Koller

4225. Site: Scanner Software Demos

Newsgroup: rec.radio.scanner
Date: 1995-03-29 08:37:07 UTC
From: jchesner@mcs.com
Message-ID: <3lb67j$c3b@News1.mcs.com>
Source record: 259239

Is there an ftp site which has various scanner software demos?

I've an AOR 3000A and would like to see what's available for it.

Thanks - Jim

4226. NYCPD, new frequencies

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Anthony Eremitaggio <aeremi01@barney.poly.edu>
Message-ID: <D69CLn.K6v@poly.edu>
Source record: 259075

Recently the mayor announce that the various NYC emercency
services will be using new frequencies that are now available to them.

Does anybody know what they are? I think there in th 400 band.

thanks

4227. news groups

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Anthony Eremitaggio <aeremi01@barney.poly.edu>
Message-ID: <D69IJ4.Dy@poly.edu>
Source record: 259076

Can someone send me, or post something, that lists newsgroups
available related to police and /or law enforcement.

It will save me a lot of time, since I don't have to search for them.

thanxs a lot

4228. Re: Clinton Visit/Secret Service/Atlanta

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: bundy@tuna.hooked.net
Message-ID: <3lffua$8i2@tuna.hooked.net>
Source record: 259077

not.available@uunet.uu.net (Gilligan) wrote:

>Today (Wed. Mar 29), the Secret Service is in Atlanta
>for President Clinton's visit. Does anyone know what
>frequencies the Secret Service uses in the field? I
>don't have ready access to Tom Kneitel's Top Secret
>Registry of US Government Radio Frequencies, so I
>regret that I can't look it up myself?

Sure. Here in San Francisco, I hear "CHARLIE" every day.

Name of Organization Freq Description
Designate
-------------------- --------
------------------------------ ---------
SECRET SERVICE 166.2125 PRESIDENT / V.P. SECURITY
HOTEL
SECRET SERVICE 415.675 COMMUNICATIONS DIVISION
GOLD
SECRET SERVICE 164.10 PRESIDENTIAL / V.P.
SECURITY VICTOR
SECRET SERVICE 167.825 WHCA
KILO
SECRET SERVICE 407.925 PRESIDENT / V.P. SECURITY
INDIA
SECRET SERVICE 407.85 AIR FORCE 1 & 2 TELEPHONE
- ECHO
GROUND
SECRET SERVICE 171.2875 PRESIDENT LOCAL TELEPHONE
ZULU
MOBILE
SECRET SERVICE 162.6875 PRESIDENT LOCAL TELEPHONE
BASE YANKEE
SECRET SERVICE 167.025 PRESIDENTIAL PAGING &
SUPPORT WHISKEY
SECRET SERVICE 164.8875 PRESIDENTIAL PROTECTION
OSCAR
SECRET SERVICE 166.7 PRESIDENTIAL PROTECTION
NOVEMBER
SECRET SERVICE 166.5125 PRESIDENT COMMAND POST
SIERRA
SECRET SERVICE 164.65 FIELD OFFICES - TACTICAL
TANGO
SECRET SERVICE 165.2125 FIELD OFFICES - TACTICAL
MIKE

SECRET SERVICE 165.375 FIELD OFFICES - SAN
FRANCISCO CHARLIE
SECRET SERVICE 165.7875 FIELD OFFICES - SACRAMENTO
BAKER
SECRET SERVICE 169.925 COMMUNICATIONS VANS - WHCA
DELTA
SECRET SERVICE 164.4
PAPA

4229. Re: Clinton Visit/Secret Service/Atlanta

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: an187049@anon.penet.fi
Message-ID: <3lf31m$ss7@ux1.lmu.edu>
Source record: 259078

these are the freqs. that i have for the Secret Service:

167.025 "November" White House advance team
166.5125 "Sierra" presidential protection

others are:

165.7875
165.375
165.2125
164.8875
164.400
166.700
164.650
166.4625
162.6875
171.2875

i guess you could scan the freq's from 164-172.

4230. Re: AR8000 and CB freqs...

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: rotnapple@aol.com
Message-ID: <3ldm5k$94b@newsbf02.news.aol.com>
Source record: 259079

>I programed in the CB freqs in my ar8000, then scanned them. The
>performance
>was terrible. I drove out to the freeway to check it out, and took my CB
>radio with me. The AR800 sucked at pulling in CB stuff. This a common
>performance problem, or do I have a unit with a problem?

>TTFN

>-Steven

Were the antenna's comparable? That alone could explain the difference if
they weren't

Greg
RotnApple

4231. Re: WWW Freq Site Update

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: jpe@interport.net
Message-ID: <3ldpqv$o8e@interport.net>
Source record: 259080
Cross-posted to: rec.radio.scanner,alt.radio.scanner

are there any sites with databases that I can use with either probe or
scanstar for the NYC area?

Martin T. Focazio (martyf@interport.net) wrote:
: Well folks, the response has been small, but steady. Just a reminder to
: any of you who may have missed it, I've put a simple, but well organized
: Web page up at http://www.okc.com/freq-out/

: The only thing in it is frequencies for USA and Canada. No mod files,
: no extra chatter, just organized lists of frequencies by service, state,
: city and so on.

: I'm in New York City (Boy that Fulton Market fire was a real major
: scanning opportunity) so most of the freqs are for the New York Area.
: People have been real good in freqs from Canada, Kansas City, Florida and
: elsewhere. I'll keep putting stuff on if you all keep sending it to
: freqs@okc.com

: Over & Out

4232. FS: OptoElectronics Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: seguine@sirius.com
Message-ID: <seguine-3003951607240001@slip122.sirius.com>
Source record: 259081
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
OptoElectronics Frequency Recording Scout
-version 2.0
-400 Memory locations, 250 hit counter
-CIV port for interfacing to a PC

includes AC supply/charger and manual

$375

.....................................................C$
Christopher Seguine Sublime Films
seguine@sirius.com San Francisco, CA
```

4233. Mods for SC150

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: fagler@rmii.com
Message-ID: <3lg6br$7j1@rainbow.rmii.com>
Source record: 259082

Hello,

I know I know, I might sound like a rookie but I was wondering
if anyone had any mods for the sc150 - Sportcat scanner. Thanks in advance

--
~~~~~~
Harvey Fagler
fagler@rmii.com
~~~~~~

4234. Re: frequency software?

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Rich Greene <rgreene@cyberquest.com>
Message-ID: <3lfdja$d0a@dionysus.cyberquest.com>
Source record: 259083

I was working on one for both DOS and Windows but never received any feedback as to what features users would like.

What would you like to see a program like this do?

--
****
* Rich Greene - E-7 US Army Retired *
* Disgruntled US Postal Worker *
* PO Box 3411, Federal Way, WA 98063 *
* rgreene@cyberquest.com *
****

4235. Re: HELP? NEED INFO ON AR

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: clark.neider@iotp.com
Message-ID: <8A6742E.059E0005B5.uuout@iotp.com>
Source record: 259084

-=> Quoting Jb to All <=-

Jb> IS THIS A GOOD, RELIABLE USED SCANNER? HOW MUCH WOULD YOU PAY?

If it's cellular capable, I'd start the bidding at $250.00. I've enjoyed mine, but had to send it back under warranty for a loose charging plug connection. I like its wide range of frequencies w/o gaps.

... ICOM R7100, the semiautomatic assault scanner!
___ Blue Wave/QWK v2.12

4236. illegal scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: popega@primenet.com
Message-ID: <popega.25.00186111@primenet.com>
Source record: 259085

Most countrys take a dim view of anyone listening to anything other than standard radio and tv. The U.S. is more free in this respect, but that is changing fast. The gov is EVIL.

4237. Re: Uniden

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: watergate1@aol.com
Message-ID: <3lebg4$109@newsbf02.news.aol.com>
Source record: 259086

I can attest to their non-existent customer service. It is amazing how ignorant and unhelpful some of their people can be. I wasted a bunch of time trying to straighten out a very minor problem of obtaining an accessory. What a debacle. I too was given the name and direct phone number of a person who would allegedly solve everything. Wrong - she was more clueless than the others...Amazing.

As for the 8500, I haven't had any problems with mine. It has been a GREAT radio for me.

4238. Grove Address

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: lionsden1@aol.com
Message-ID: <3lehgh$21g@newsbf02.news.aol.com>
Source record: 259087

Does anyone have the address, phone or fax number for Grove?
I would like to reguest a catalog.
Thank you!

4239. 800XLT

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: beerbelly@aol.com
Message-ID: <3lehjj$22e@newsbf02.news.aol.com>
Source record: 259088

Help!! Does anyone have mod's for the Uniden bearcat 800XLT scanner. I'm particurely interested in expanding the Freq. coverage.

Thanks

Beerbelly

4240. Re: Wireless mics

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: adamatt@aol.com
Message-ID: <3lf367$5p6@newsbf02.news.aol.com>
Source record: 259089

>Hi, Daniel.
>
>
>-> AD>For those wanting to listen in on wireless I was on a TV set the
>-> other day
>->
>-> What were ya doing on a tv set, didn't ya fall off? <G>
>
>
> ROFL! I know what he meant, but just picture that if you will?
>
> I can just see the poor sap standing atop his 26" in his living
>room hitting the `scan' button on his scanner scoring a bonafide
>frequency.
>
> See ya
>--
>| Fidonet : Chris Asselin 1:250/930
>| Internet: Chris.Asselin@odxabbs.tor250.org

That's funny... I wonder if anyone got any use out of the info, and not
the joke!!

:)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
:::::::::AdaMatt@aol.com:::::::::
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4241. Re: Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: adamatt@aol.com
Message-ID: <3lf38b$5pg@newsbf02.news.aol.com>
Source record: 259090

>>I have a New Scout 25 model with 400 memories. Asking $500 U.S.A dollars
>
>Is this the same unit that is listed by Grove (Telephone: 800-438-8155)
>for $449.95? If it is, does anyone have even a better price? Thanks.
>--
>Ken Morrill <kmorrill@strauss.udel.edu>

Optoelectronics has it for $449.00... Even cheaper than Grove... Go
figure!

^^
::::::::::AdaMatt@aol.com::::::::::
^^

4242. Whips

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: adamatt@aol.com
Message-ID: <3lf3a1$5pp@newsbf02.news.aol.com>
Source record: 259091

Do whip antennas, like Grove's ANT-8, work good for wide band coverage?

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

:::::::::AdaMatt@aol.com:::::::::

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

4243. Cellular Code Entry

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <c24_9503302259@chigate.fidonet.org>
Source record: 259092

-=> Quoting Sjp117@psu.edu to All <=-

Sj> Can anyone help,

Sj> I have the MR8100 scanner, I have the software, I believe I remember
Sj> the code
Sj> "ECPA1986"? - I just can't remember when, where and how to enter the
Sj> code in the software.

Sj> Any comments appreciated.

Sj> Steve P

Here is the mod which was in the Feb.1995 issue of MT and my friend, Kevin O'Rourke here in Wheaton...

With the MR 8100 connected to an appropriate computer, insert the software into the drive so that the screen appears as in Figure 1 of your programming guide. With NUM LOCK and CAPS LOCK both turned off, press CTRL+ALT+P; the display will now read, "ENTER CODE".

Press CAPS LOCK, then enter "ECPA1986"; the display will now read, "ENTER CODE:ENABLED", which will then diappear, thus restoring full 800 Mhz coverage. Remember that this procedure will enable certain portions of the 800 Mhz band that is against federal U.S. law.

Enjoy...Jerry

___ Blue Wave/QWK v2.12

4244. mods & n.j. freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Jerry.Smith@precision.chigate.com
Message-ID: <c25_9503302259@chigate.fidonet.org>
Source record: 259093

-=> Quoting Erl@hotsand.tbu.att.com to All <=-

Er> I'm just getting started in scanning, last week I picked up
Er> a BC210XL at the winter short wave fest. So my question is this,
Er> any mods for this unit?
Er> Also I would appreciate any freqs in my area (fire police etc.)
Er> I live in east brunswick n.j.
Er> Thanks
Er> Ed Ledner
Er> erl@hotsand.att.com

What you see is what you get on this radio. A good workhorse of a
scanner, though. Purchased mine about 10 years ago and still going strong.

Jerry

___ Blue Wave/QWK v2.12

4245. Secret Service

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: david.zapata@twisted.com
Message-ID: <382.320.617@twisted.com>
Source record: 259094

SP>Newsgroup: rec.radio.scanner
SP>Organization: Emory University

SP>I'm looking for Secret Service freqs for the President's and VP's
SP>security details. I would also like any other freqs related to their
SP>security. Bill and Al coming to my campus on Thursday, and I would like
SP>listen in. Thanks in advance.

SP> -Stephan

165.7875
165.375
165.2125
167.025
164.8875
164.400
166.700
166.5125
164.650
166.4625
162.6875
171.2875

* Wave Rider 1.10 [NR] *
... UNREGISTERED EVALUATION COPY
~~~ Blue Wave/RA

David Zapata
david.zapata@twisted.com
The Twisted Pair! (915)949-0721
West Texas Online Communications
San Angelo, Texas
~~~

4246. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950330171802.28922C-100000@watson.ECE.ORST.EDU>
Source record: 259095
Cross-posted to: rec.radio.scanner,alt.law-enforcement

On 30 Mar 1995, thousman wrote:

> In article <Pine.HPP.3.91.950329172124.16625D-100000@holmes.ece.orst.edu>, brian varine
<varine@ece.orst.edu> says:
>
>
> >Any one with access to a sig gen give it a try.
>
>
>
> This may be kind of stupid, but what exactly is a sig gen? I've never
> heard of this before. Thanks.

Signal Generator. A VERY important, and expensive piece of test equipment
for ESM/ECM gear (and other things). Ours was about $85K. There are
cheaper ones though.

4247. Re: CB's

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: "Mark D.Sale" <godzilla@cts.com>
Message-ID: <D6A2JG.DyF@crash.cts.com>
Source record: 259096

TRY the Icom R-1...it recieves am and goes down to the 27mhz area.

4248. pro-43 mods?

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: robertm@robertm.seanet.com
Message-ID: <robertm.19.00FFFDAD@robertm.seanet.com>
Source record: 259097

Does any one know of any rs pro-43 modifications?
I am interested in all modifications, but really need a mod to remove the gaps
in the 800mhz band.

thank you.

paxton

4249. Re: ***SCOUT f. counter, for sale***

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: nogin@wis.com
Message-ID: <3letjr$2mm@newsie.wis.com>
Source record: 259098

Marcelo O. Guevara (el Che) (argentin@shadow.net) wrote:
: For discreet recording, The Scout is small enough to fit in the pocket.
: Apager-style vibrator is built in to let the operator know when
: frequencies are recorded during a walk-by. And others very cool features...
: asking for a never used one , $470 USA dollars.

: somos lo que somos, o somos los que estamos, si no somos los que somos,
: para que somos los que estamos?
: Marcelo O. Guevara

I'll give you 400 Yen.

Rick

4250. Re: Lowe Electronics Web Page

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: gordy@gbscomms.win-uk.net
Message-ID: <295@gbscomms.win-uk.net>
Source record: 259257
Cross-posted to: rec.radio.shortwave,uk.radio.amateur,rec.radio.scanner,alt.radio.scanner.uk

In article <1995Mar29.154853.27988@inca.comlab.ox.ac.uk>, Paul Hirst
(li95001@sable.ox.ac.uk) writes:
>Gordon B. Slater <gordy@gbscomms.win-uk.net> wrote:
>>
>>anyone know how to read info like this if you don't have http access???
>>How do I do it with email, or is it not possible?
>
>Well, there are a few telnet / hypertext gateways available, though I would

sorry folks, I didn't make myself quite clear.

I was wondering if there was a way of getting access to all this wonderfull info by
email only, as I don't want to sign up for anything else (I'm skint)

mni tnx for all help - I'll try a few tricks this weekend

Gordy

--
SIGint, geddit?

4251. Car Phone Scanning

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: jweaver@Newbridge.COM
Message-ID: <D6913M.D61@Newbridge.COM>
Source record: 259258

What would be the cheapest 'device' which would allow scanning of the car/cell phone bands in the UK.

Any info appreciated

4252. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: L694047@LMSC5.IS.LMSC.LOCKHEED.COM
Message-ID: <173713F3CS86.L694047@LMSC5.IS.LMSC.LOCKHEED.COM>
Source record: 259259

In article <3lc1lo$p4q@newsbf02.news.aol.com>
attgeorgew@aol.com (ATTGeorgeW) writes:

>He is probably referring to the fact that the Doppler shift
>for an approaching target is different than that for a target
>moving away. Since police radar relies on this Doppler
>effect, the speed of an approaching vehicle would appear
>higher than the same vehicle at the same speed moving away;
>in this case, the error would favor the driver moving away.
>The mirror itself has no effect on the speed reading.
>
>George

Am I understanding you correctly? Example: Stationary unit, oncoming
car moving at 50 MPH, reflected signal mixed with transmitted signal,
the difference converted to speed, roughtly 70 Hz / MPH, speed displayed is
50. Now, another car, this one moving away from unit, reflected signal
mixed with source, difference not the same with the first car? What is the
error? Is it predictable? The only predictable error I know of, which does
always favor the target, is the one induced by the angle between the direction
of travel of the target and the direction of travel of the transmitted and
reflected signal. The speed displayed will always be the result of the
actual speed multiplied by the cosine of this angle.

Many times I have pointed unit at oncoming vehicle, noted speed, then when
vehicle was moving away, pointed unit out back window, and read same speed
(both speeds meaning when target was sufficiently distanced such that the
angle was nearly zero and speed displayed was relatively constant).

What is the ratio of the error you referred to between oncoming outgoing
targets?

Fred N. Zuschlag
zuschlag@lmsc.lockheed.com

4253. CB Frequencies.

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: nstn2539@fox.nstn.ca
Message-ID: <52124.nstn2539@fox.nstn.ca>
Source record: 259260

Most scanners will scan frequency ranges in their default modes(AM, NFM, WFM). Most of them are in NFM or WFM, but for example, 108 - 136MHz is the aircraft band and it will default to AM.
For CB frequencies, look between 26.965 and 27.405 MHz. Your scanner will automatically select AM mode to receive these frequencies, if it can scan that low. E-mail me if you want a list of CB freq.'s. I have a list.
--
Michael Oxner
nstn2539@fox.nstn.ca

4254. Re: EMS--MED 10 CHANGE

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: tham@husc7.harvard.edu
Message-ID: <3ledkt$np6@decaxp.harvard.edu>
Source record: 259261

fsw9724@vaxb.isc.rit.edu ([BOSTONC75]) writes:

> Boston*EMS uses Med 10 for their primary dispatch, but for the past
> year they have been using another channel and simulcasting (WNZF-351)
> and the explanation was that they were supposed to get off MED 10..
> But they are still there now...So I just wanted to know what was up..

I thought I thaw puddy tad. Yes, I did hear Boston EMS on 453.XXX MHz simulcasting once. I did not write down the frequency because I did not think of it much. I never understood why Boston has so much priviledge using CMED channel for their own dispatch use anyway. Then again too bad if they leave CMED-10. Hope they bring the repeater with them. That is one of the best signal in Eastern Mass. I can hear them all the way up to New Hampshire.

Fu KA1NUB

4255. UHF aircraft.

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Michael Oxner <nstn2539@fox.nstn.ca>
Message-ID: <52353.nstn2539@fox.nstn.ca>
Source record: 259262

I think I may have jumped in too soon. I said you wouldn't miss much. I'm living in New Brunswick(Canada) and we don't have much in the way of UHF activity outside the Refueling flights and the odd training exercise. I wasn't thinking about the US and the fact that you actually have a military there. Sorry, guys.
--
Michael Oxner
nstn2539@fox.nstn.ca

4256. Re: Pro-51 codes

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: snoop@iastate.edu
Message-ID: <snoop.796572465@pv6642.vincent.iastate.edu>
Source record: 259263

In <3l41g7$rsd@ixnews3.ix.netcom.com> BobSzabo@ix.netcom.com (Bob) writes:

>Can someone please tell me what this means? I have a PRO-51. IT has a
>code sticker of 7A4 with an orange sticker on the box. I can not get
>800Mhz to program in on channel 23 after trying the above mod. Why is
>this important?

I just purchased a Pro-51 two weeks ago. When the salesman at Radio-Shack
pulled up the information on it to see if he had one in stock, there was a
big line across the top of the screen reading something to the effect of
"Don't sell this if there isn't a little orange sticker next to the barcode
on the box."

I asked him what the orange sticker was for, and all he would tell me was
that it was for a "recent modification" on the Pro-51. Probably means they
fixed that 800Mhz bug then... Oh well...
--
Andrew Kroeger | Disclaimer: The views presented above are solely
snoop@iastate.edu | those of the poster -- not his mother, bother, dog,
Iowa State U, Ames IA | mother's dog, brother's dog, or dog's brother.
-- PGP Key fingerprint = 64 6E 9E 7C CD 64 65 67 83 01 FB 2C DD D5 F3 C7 --

4257. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: brian varine <varine@ece.orst.edu>
Message-ID: <Pine.HPP.3.91.950330080305.23985A-100000@watson.ECE.ORST.EDU>
Source record: 259264
Cross-posted to: rec.radio.scanner,alt.law-enforcement

On Wed, 29 Mar 1995, BILL FUNK wrote:

> Since a mirror is an optical device, and not an RF device, this is not a
> good practice, and cannot be condoned by the manufacturer of the radar unit.
> If *I* were given a ticket based on this type of speed measuring, and I knew
> it, chances are very good that I would not only get off, but the officer
> would probably be reprimanded for not following proper procedures.

You screwed up Mr/Ms officer, but, in the interest of getting more money,
I'm still going to find the defendant guily.

> The best way to use a radar gun is to aim it directly at the target vehicle
> from an angle of no more than ~15 degrees off the fore-aft axis of the
> target vehicle, with the transmitter being stationary. Non-target vehicles
> should NOT be in the transmitted radar beam, as the radar does not know
> which target the operator has in mind, and will return a reading from what
> it considers the BEST target, not necessarily the fastest. The more moving
> targets the radar gun sees, the less reliable is any reading it gives. Many
> police officers will argue this, saying that their ticket is good, but it
> just ain't so, and the sylabus that accompanies the radar units, to be used
> in officer training, point this out.

This is very interesting. Try to tell a police officer that he/she cannot
use radar on a road with traffic on it. 15 deg is quite a bit
considering most of the beam is pointed down the road. The fact is police
radar was designed to be used with ONE car in the field of view, a 1v1
encounter. Buuut, how common is it for police to use their radar in
medium to heavy traffic, especially in the moving mode? Very. But, courts
rarely care about that, even if the officer says there was traffic. To
get out of a radar based ticket you have to be very lucky, they want
their $$$.

> An interesting aside: I've listened on my scanner to radar units telling
> other units down the road which vehicles to pull over, and the speed to use
> on the citation. Since my last traffic ticket (over 18 years ago!) said that
> the signing officer had observed the infraction, I wondered how these guys
> were doing this! Turns out that modern citations only say that the signing
> officer has reason to believe that the infraction occurred! (There! Got this
> on subject!)

Couldn't you go to court and ask the officer? If only the officer who
wrote the ticket is there couldn't you get off? If the other officer
isn't there, how can you challenge the validity of the radar reading?
Well, the above is a very good reason to carry a scanner. Most police
aren't too pleased with the idea of you having a scanner, so, keep it out

of sight should you be pulled over.

4258. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: thousman@vt.edu
Message-ID: <3let5q$it1@solaris.cc.vt.edu>
Source record: 259265
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In article <Pine.HPP.3.91.950329172124.16625D-100000@holmes.ece.orst.edu>, brian varine <varine@ece.orst.edu> says:

>Any one with access to a sig gen give it a try.

This may be kind of stupid, but what exactly is a sig gen? I've never heard of this before. Thanks.

4259. Re: Any way to listen to digital Motorola Sabers?

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: wired@genes.pl.my
Message-ID: <796580166.88snx@genes.pl.my>
Source record: 259266

>I2>>It's not encrypted, because it doesn't need to be..... It's DIGITAL
>
>I2> Here's an interesting phenomenon: I've taken the SABER's my firm uses and
>I2>transmitted directly to my scanner in the same room. I get clear returns on
>I2>several different frequencies, but when I scan those freq's for other SABERs
>I2>at longer ranges, I get nothing. Any ideas?
>
>what kind of scanner antenna are you using? are you listening to a
>repeater input frequency? what band are the sabers on? how far away is
>"...at longer ranges,..."?
>
>any of these will affect the explanation i could give you.

I dunno about him but the freq I was monitoring (170.85MHz) is a repeater output freq. All the police in the whole country is supposed to be linked up together. Maybe the tx from the handheld to the repeater is analog. Is it possible? Just a few days ago when the prime minister was giving some speech somewhere, I could hear the police on analog on a different freq. Could the have used different transceivers, or did they go direct? Are the Sabers digital or a combination of both?

4260. Re: ***SCOUT f. counter, for sale***

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: heglowstein@bix.com
Message-ID: <3leu12$2ck@news2.delphi.com>
Source record: 259267

Marcelo O. Guevara (el Che) (argentin@shadow.net) wrote:
: The Scout is the latest advance in hand held frecuency counters. Itexcels
: at finding and recording frequencies for security, law enforcement, and
: recreational monitoring applications.
: The Scout is not a frequencycounter in the traditional sense because it
: is not intended to be a measurement tool. Design to work with an antenna
: to pick up transmitted frequencies, it is actually a frequency
: recorder.Up to 400 unique frequencies can be stored in memoriy, along with
: up to 255 hits on each frequenciy. The recorded frequencies can be played
: back on the LCD display or data linked to a computer or CI-V equipped
: communications receiver.
: For discreet recording, The Scout is small enough to fit in the pocket.
: Apager-style vibrator is built in to let the operator know when
: frequencies are recorded during a walk-by. And others very cool features...
: asking for a never used one , $470 USA dollars.

: somos lo que somos, o somos los que estamos, si no somos los que somos,
: para que somos los que estamos?
: Marcelo O. Guevara

Is this the same one that sells new for $445? Or is it a different
model. The catalog I have only shows the Scout 40.

4261. Where is OPTO 456 Software for pro2006 ???

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: sreider@hamlet.umd.edu
Message-ID: <3lf20v$7ce@hamlet.umd.edu>
Source record: 259268

I'm looking for any software that will run on the OPTO 456 w/2006

I've used ScanStar , ScanCat , and RadioManager

Would like professional copies of these if anyone is willing to part with them

Would like any homebrew software to run the OPTO also !!

Thanks In Advance,

Rich Reider

4262. Brampton Fire PL Tone???

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: Ron Katz <ronkatz@interlog.com>
Message-ID: <3letvo$s7c@steel.interlog.com>
Source record: 259269

Does anyone know the PL for the 154.800 Brampton Caledon Frequency?

What is the dam carrier when near the Airport or even in Brampton?

Ron Katz

4263. ND, MN, SD, ONT UHF TV stations

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: rdesjar@mbnet.mb.ca
Message-ID: <3lf67q$1ms@canopus.cc.umanitoba.ca>
Source record: 259270

Last fall, there was some great tropo here one night and I picked up some really long-distance UHF TV stations, and some VHF stuff clear from 250 miles. I couldn't identify much of the UHF stations, so I'm wondering if anyone knows of any stations in Eastern North Dakota, the northern half of Minnesota or northeastern South Dakota as well as North-Western Ontario. I've identified the following stations:
29 CBWT-R Piney, MB
44 CICA-R Kenora, ONT
I also know of KVRR Channel 15 in Fargo, Channel 19 in Ellendale, ND and channel 42 in Alexandria, MN, but I didn't get those stations.

I received most of the stations in the range 21-31 and 41-49, but any station info, particularly on Home Shopping Afilliates, or stations that turn to home shopping at midnight would be appreciated.

Gabriel Desjardins

4264. Mods for a Pro 2021

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: lqx@hr.house.gov
Message-ID: <lqx.30.2F7B1FC2@hr.house.gov>
Source record: 259271

I have the 200ch base Pro 2021, any info/directions/ciruit diags that I can ftp to modify it?

4265. Re: Ny state and canada freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3lf9tr$bco@roch0.eznet.net>
Source record: 259272

Mike.Agner@f1355.n261.z1.fidonet.org (Mike Agner) wrote:

> I know that he can carry a mobile scanner since he is a ham but what about
> Canada? Are there scanner restrictions there? (He is going to Montreal).

Ontario and Quebec Provinces have no restrictions on mobile scanning.
He should make sure he has a copy of his ham license with him if he intends to
transmit while in Canada. Radar detectors are illegal in Ontario.

> He does have an Internet account, so if there is a www page or ftp site he
> should access for this info, that too would be very useful. Also I see that

Have him try http://roch0.eznet.net/~dstark/

4266. Re: Brampton Fire PL Tone???

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: D Stark <dstark@eznet.net>
Message-ID: <3lfa3d$bco@roch0.eznet.net>
Source record: 259273

Ron Katz <ronkatz@interlog.com> wrote:
>
> Does anyone know the PL for the 154.800 Brampton Caledon Frequency?

My research (live monitoring with a PL/DCS detector) indicates
that there is no CTCSS or DCS in use on that frequency as of last year.

> What is the dam carrier when near the Airport or even in Brampton?

Sorry, can't help ya there. :-(

4267. BC2500XLT getting strange signals

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:00:00 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.205.00123C39@mindspring.com>
Source record: 259274

I have a Bearcat BC2500XLT and am getting a local FM radio station (99.7) on the aircraft band. I have to turn up the squelch so much that I can't pick up a whole lot more. Is this a common occurance? I'm hoping it's just some freak of the atmosphere or something, but wanted to see if anyone else had ever had this problem.

Thanks,
-Richard

4268. FS: PRO-2026 mobile scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-30 00:09:08 UTC
From: starr@deltanet.com
Message-ID: <3lcsr4$nig@alterdial.UU.NET>
Source record: 259250
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

Brand-new Radio Shack PRO-2026 scanner. Great size for mobile mounting or base station.

$150

E-mail if interested

4269. Re: Radio Shack PRO-51

Newsgroup: rec.radio.scanner
Date: 1995-03-30 02:25:44 UTC
From: creal@cs.buffalo.edu
Message-ID: <3ld4r8$9pj@azure.acsu.buffalo.edu>
Source record: 259251

In article <3lck7a$9dj@bubbla.uri.edu>,
Gregory Blasbalg <gbla7587@uriacc.uri.edu> wrote:
>I just bought a Radio Shack PRO-51 and I tried the keyboard
>mod but it did not seem to work. It did give me access to
>some test frequencies but none of them were in the 888Mhz
>range. Have newer versions been modified so that the mod
>no longer works and if so what can I do?

Yep. What to do:
1) Continue to listen to images in the 900mhz range
as you are currently doing
2) Get a 800-900mhz to 400-500mhz converter (ex. from
Ramsey electronics)
3) Return/sell the PRO 51 and get a PRO 43 :).

** Would opt for #3, handhelds are nice, can be modified for cell, and
triple conversion gets rid of images.

>Secondly I have
>been able to pick up what appear to be cellular calls in
>the 900 mhz band. There is constant traffic here in my
>area (Rhode Island) on freqs like 903.750, 905.012,
>911.550. Are these cellular calls or if not what are they?

They are images from the cellular bands.

> Lastly I know this is a FAQ but what are the freqs used
>by _cordless_ phones. Thanks for your help in advance!
>

All FAQS can be ftp'ed from rtfm.mit.edu/pub/usenet-by-group.

Cheers,

Rich Creal

4270. fftscan1.zip - Audio spectrum analysis, scanner management

Newsgroup: rec.radio.scanner
Date: 1995-03-30 02:53:09 UTC
From: jek1@crux2.cit.cornell.edu
Message-ID: <9503300253.kp26736@SimTel.Coast.NET>
Source record: 259252
Cross-posted to: comp.archives.msdos.announce,rec.radio.scanner,alt.radio.scanner

I have uploaded to SimTel, the Coast to Coast Software Repository (tm),
(available by anonymous ftp from the primary mirror site OAK.Oakland.Edu
and its mirrors):

ftp://oak.oakland.edu/SimTel/msdos/hamradio/fftscan1.zip

SimTel/msdos/hamradio/
fftscan1.zip Audio spectrum analysis, scanner management

FFTscan version 1.0 is a msdos based program that runs in a 80x50
character VGA text screen. The top portion of the screen has a window
that shows the real time audio spectrum of the scanner output. The audio
is sampled with a required Soundblaster or compatible sound card. The
bottom half of the screen is a scrollable window that acts as a scanner
channel database. The database has options to keep track of Channel
Number, Frequency, Delay status, Lock out status, and a Comment. The
database can be sorted based on channel number, frequency, or comment.
The end result is a useful control panel that contains all your scanner
information, along with a colorful real-time frequency plot of the audio
your radio is receiving.

Special requirements:
VGA display adapter
Microsoft compatible mouse
386 or higher CPU
Math Coprocessor
Soundblaster or compatible sound card

ShareWare. Uploaded by the author.

Jan Kansky
jek1@cornell.edu

4271. EMS--MED 10 CHANGE

Newsgroup: rec.radio.scanner
Date: 1995-03-30 03:03:05 UTC
From: fsw9724@vaxb.isc.rit.edu
Message-ID: <1995Mar30.030305.3528@ultb.isc.rit.edu>
Source record: 259253

Question for the EMS people here...

Any truth to the rumor that the FCC wants all dispatching of ambulances
OFF med ten (462.975)?

I heard a rumor this was true-the FCC just wants amb-hospital reports
etc on this channel.

Boston*EMS uses Med 10 for their primary dispatch, but for the past
year they have been using another channel and simulcasting (WNZF-351)
and the explanation was that they were supposed to get off MED 10..
But they are still there now...So I just wanted to know what was up..

Thanks...

Scott

4272. Re: Help; Marymac/R.Shack

Newsgroup: rec.radio.scanner
Date: 1995-03-30 05:54:06 UTC
From: <>
Message-ID: <doe.1146930486B@192.0.2.3>
Source record: 259254

In Article <3kc9hb$r22@miasun.med.miami.edu>, amike@maniac.med.miami.edu (Mike Alicea) wrote:
>A while back netters on this group turned me on
>to Marymac Industries or Radio Shack. I never used
>them until recently and have had a problem.
>

Mike:

I have never had a problem with them. I have dealt with them a couple of times. Users on Compuserve have used them and haven't had any problems either.

The only problem now is that THEY ARE GONE! Yep. RS has purchased their franchise back. Who knows...maybe RS liked the way they were moving equipment and wanted a bigger piece of it so they bought them out. Anyway, they are no longer around. Since something like that takes a some time to do, the people at MaryMac decided to stop purchasing since they knew they were going to shut the doors.

-Mike

4273. St. Louis Area Federal/Military/Tactical/Surveilance Freqs.

Newsgroup: rec.radio.scanner
Date: 1995-03-30 06:00:29 UTC
From: tacman1@aol.com
Message-ID: <3ldhdt$83c@newsbf02.news.aol.com>
Source record: 259255

Looking for these frequencies for the metro area. Would like to compare my lists with yours and see if I'm missing anything. Would really , really like the 12 channels St. Louis Co. Tac Squad uses!.
scan , shortwave , radio

4274. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-30 06:20:25 UTC
From: tjmiles@ix.netcom.com
Message-ID: <3ldij9$8cp@ixnews3.ix.netcom.com>
Source record: 259256

In <3l9evj$ksc@beyond.escape.com> marc_k@escape.com (marc_k) writes:

>
>The odds are that R.S. will leave the mod alone, or at worst replace
the
>diode.
>But if you are nervous, buy a pack of 1N4148(or 1N914)switching diodes,
>and replace it yourself.
>Note, unlike units like the PRO-43, there is NO way that they can make
a
>2006 unmodifiable, as there is NO version of this scanner with the
>"total" lockout.
>R.S. discontinued the model instead.
>
>

This is all quite true, however a RS manager told me that they reserve the right to "repair or replace" equipment brought in to them for repair work (while under their warranty period anyways). When I asked what they'd do in the case of a 2006, which is no longer available, he said they'd replace it with a "comparable" current model scanner. I believe *their* definition of "comparable" would then apply, unfortunately....

--
tjmiles@ix.netcom.com

4275. Re: BC200XLT Battery Pack

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: radiohag@ix.netcom.com
Message-ID: <3lfh0v$975@ixnews2.ix.netcom.com>
Source record: 259099

In <3lcrc6$i5l@lucy.infi.net> dbrewer@nr.infi.net (Daryl Brewer) writes:

>
>A friend of mine has a bc200xlt and needs a battery pack for it.
>Does anyone know where to get one? New or used would be fine, he said.
>Thanks in advance.
>

I get mine from Scanner World in albany NY. Credit card and you'll have
it in 1 or 2 days by UPS. I don't have the phone number but its ara
code 518.

4276. Re: FS: PRO-2026 mobile scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: starr@deltanet.com
Message-ID: <3lg4un$53t@alterdial.UU.NET>
Source record: 259100
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

This has been sold.

4277. Re: How to best manage Ni-Cad batteries?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: pacpp@ix.netcom.com
Message-ID: <3lh6mc$5c6@ixnews4.ix.netcom.com>
Source record: 259101
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In <D6AEu1.Ht3@cup.hp.com> Michael Cole
<Michael_Cole@hp6650.desk.hp.com> writes:

Regarding NiCad life:

1. Shallower cycles will extend the cycle life. Typical cycle life
is 300-400 deep cycles. Discharges to 80% capacity remaining
can increase it by 2 to 3 times. Remember that there are other
issues involved with battery life than just cycles. Discharge
rates, charge rates, temperature and plain old time take their
toll also.

2. Full discharge on every cycle is NOT necessary to solve problems
of "Memory" or temporary loss of capacity. It's ok to do, but
you will get minimum cycle life out of your battery. I'd
suggest 1 full cycle in every ten to help excersize the battery.
This can be diffucult to administer and is not an exact figure
by any means.

3. "Memory Eraser" or refresh type chargers often fully cycle
(discharge prior to recharge) the battery every time they
charge. Again, this is OK, but this will reduce cycle life.
These chargers have become popular for camcorders and cell
phones.

Everyone has an opinion on batteries, and most of us are wrong :)
As with humans, age takes it's toll on batteries and the best kept ones
still fail due to aging.

Jeff

4278. Re: How to best manage Ni-Cad batteries?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.187.000A5F75@ccm.hf.intel.com>
Source record: 259102
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <3lh6mc$5c6@ixnews4.ix.netcom.com> pacpp@ix.netcom.com (Jeff DelRae) writes:
>In <D6AEu1.Ht3@cup.hp.com> Michael Cole
><Michael_Cole@hp6650.desk.hp.com> writes:

>Regarding NiCad life:

>1. Shallower cycles will extend the cycle life. Typical cycle life
> is 300-400 deep cycles. Discharges to 80% capacity remaining
> can increase it by 2 to 3 times. Remember that there are other
> issues involved with battery life than just cycles. Discharge
> rates, charge rates, temperature and plain old time take their
> toll also.

This is very true with Lead Acid /SLA (gell-cells), but less so with Nicads.
Shallow and deep cycles are not terms associated with NiCads. Depth of
Discharge (DOD) is not a spec used with nicads in determining useful life.
As long as the battery isn't taken so low that the cell reverses, it is ok to
take it to 100% discharge without reducing the lifespan of the battery.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

4279. Re: How to best manage Ni-Cad batteries?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.188.000ADCF7@ccm.hf.intel.com>
Source record: 259103
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <D6AEu1.Ht3@cup.hp.com> Michael Cole <Michael_Cole@hp6650.desk.hp.com> writes:
|
>In Sailing magazine this month, they have a detailed article on
>battery usage for yachts. They give some advice for lead-acid battery
>management that is counter to the conventional wisdom for boats with
>dual batteries. This advice also runs counter to conventional wisdom
[stuff deleted]
>The question that comes up is, "Does this apply to Ni-Cad batteries as
>well?". I have been told to discharge my Ni-Cads almost completely
>before recharging to avoid the dreaded "memory effect". However, I
>don't want to shorten the battery life unnecessarily. Any advice on how
>best to manage Ni-Cads?

Care of Nicads is very different from care of lead acid batteries. In some cases, the care of lead acid batteries is exactly opposite that of Nicads. Generally, lead acid or sealed lead acid (aka SLA) (also known as Gel-Cells, which technically is not an accurate description, since this was a "trade" name the Globe Batteries used for their SLA batteries), will last a long time if the batteries are not discharged too deeply. They can also be floated with a charge indefinitely since SLA batteris will only draw the charge they need. This makes them great for backup power. Their relatively low price makes them the main workhorse of the battery industry. There are much better technologies out there (like Chloride batteries), but their high price makes them rare in non-commercial applications.

Nicads can be discharged all the way without damage to the battery. They should not be left floating on the charger for long periods of time. While SLA batteries use a constand voltage source for charging, Nicads require a constant current source. Slow charging is better for the batteries than fast charging (I usually use the 60-80mA chargers for AA batteries). Repeated use is not a problem - there is no need to let them "rest", but if you are using a slow charger, then charging could take 12-20 hours, so an extra set of batteries is a good idea.

While there is scientific theory and proof of the memory effect, it is not something that you have to worry about. Most nicads are killed by overcharging, not memory effect. Others are killed by dendrites or voltage reversal. A nicad battery should be stored in a discharged state (1v. per cell). This will avoid dendrites. Voltage reversal can be avoided by not over discharging a battery pack, but if the batteries in the pack are mismatched, cell reversal may be unavoidable - thats why it is not advisable to buy cheap battery packs (or Radio Shack nicads in some cases).

If you need more info on SLA or Nicad care I can post some of the info I've collected.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

4280. How to best manage Ni-Cad batteries?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Michael Cole <Michael_Cole@hp6650.desk.hp.com>
Message-ID: <D6AEu1.Ht3@cup.hp.com>
Source record: 259104
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

|
In Sailing magazine this month, they have a detailed article on battery usage for yachts. They give some advice for lead-acid battery management that is counter to the conventional wisdom for boats with dual batteries. This advice also runs counter to conventional wisdom for using Ni-Cad batteries. I would like to know if some of the experts reading this group might tell me if the following is relevant to using Ni-Cads in handheld radios.

In boats it is common to have two batteries that alternate in service, one being discharged deeply while the other one charges and "rests". The author contends that this results in shorter battery life because the life of a battery is extended significantly if it is discharged a smaller percentage each time before it is recharged. They suggest using both batteries at the same time thereby discharging each one less.

The question that comes up is, "Does this apply to Ni-Cad batteries as well?". I have been told to discharge my Ni-Cads almost completely before recharging to avoid the dreaded "memory effect". However, I don't want to shorten the battery life unnecessarily. Any advice on how best to manage Ni-Cads?

Thanks,

Michael

Michael_Cole@hp6650.desk.hp.com

4281. Any mods for the PRO 62?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: wired@genes.pl.my
Message-ID: <796651593.89snx@genes.pl.my>
Source record: 259105

Any mods to restore cellular?
Are there any breakouts between 900-960MHz?

thnx

4282. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3lgtsb$hdj@umcc.umcc.umich.edu>
Source record: 259106

In article <91f_9503292011@tor250.org>,
Daniel Martin <Daniel.Martin@odxabbs.tor250.org> wrote:
>BU>From: bundy@worm.hooked.net (Bundy Chanock)
>BU>Newsgroups: rec.radio.scanner
>BU>Subject: Re: Air Force 2 Intercept
>BU>Date: 28 Mar 1995 17:58:25 -0800
>BU>Organization: Hooked
>BU>Lines: 18
>BU>Message-Id: <3laes1$7cf@worm.hooked.net>
>BU>Nntp-Posting-Host: worm.hooked.net
>
>
>BU>zimm@cybernetics.com (Chris Zimmerman) wrote:
>
>
>BU>>
>BU>>I intercepted traffic from Air Force 2 on 415.700MHz.
>BU>>AF2 was calling *Royal Crown*. They sent tones to each
>BU>>other, that sounded like two modems handshaking. AF2
>BU>>had a poor copy on Royal Crown and they were unable to
>BU>>get the tones to work. AF2 said "I certainly don't want
>BU>>*Sundance* not getting this call". Anybody have any
>BU>>idea who *Royal Crown* is and who *Sundance* is?
>BU>>Finally after about 30 mins. of trying the tones,they
>BU>>gave up on it.
>
>
>BU>Royal Crown is the White House Comm. Center and believe it or
>BU>not, Sundance is Ethel Kennedy.
>
>
>We have Ethel Kennedy , Al Gore, who next. Callsigns are transferable
>folks. I wouldn't bet on any call signs being assigned for life, more
>likely a call sign or group of call signs may relate to a position.
>Dan
>---
> * SLMR 2.1 * The future is'nt what it used to be.
>--
>| Fidonet : Daniel Martin 1:250/930
>| Internet: Daniel.Martin@odxabbs.tor250.org

Since Ethyl Kennedy isn't in the Whitehouse I'd bet on Al Gore...Since
that is the code everytime Air Force 2 has landed here.
Les

4283. Re: Black Jaguar Scanners

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <796642779snz@javiaton.demon.co.uk>
Source record: 259107
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <850874108wnr@termcon.demon.co.uk>
paul@termcon.demon.co.uk "Paul A. Jones" writes:

> I remember this scanner from a while back, If I remember correctly
> they were quite limited on the frequency coverage, and the mode
> was fixed on each band. Reception was quite good, but the
> limits on the frequncey were the downside.

Don't seem to have the original of this thread.

The BJ was basically a 16 Channel scanner. AM/FM on any frequency.
Coverage went something like (without checking) 66-88, 108-174 220-260,
380-512 however the CPU would accept frequencies outside the designed
limits. Performance was however reduced in these out of band parts.

Power was an internal Nicad Pack. The Radio was also available as the
"Challenger".

A BJ MkIV was advertised with similar coverage but powered from 4 x AA
cells as appears to becoming the norm. I don't think it ever made it.

--
Cheers,
/---\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
(Please note missing "i" in Javiation for E-Mail only !)
\---/

4284. Re: Legal or Illegal????

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <796644924snz@javiaton.demon.co.uk>
Source record: 259108
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D671u5.1EM@Newbridge.COM> jweaver@Newbridge.COM "Jon Weaver" writes:

> I am wondering if anyone could answer this qustion FACTUALLY!!
>
> I want to know whether scanning Car Phones in the UK is Legal or Illegal?
>
> I remember that a few years ago, the situation was that you could legally
> scan car phones, but it was illegal to ACT on any infomation gained whilst
> doing this......
>
> Is this still the case or has the law changed.
>

Hi Jon,

I'm afraid your a little of the mark. As a member of the public in the
UK The Wireless Telegraphy Act 1949 does not allow you to receive
anything other than authorised Broadcast stations, Amateur Radio and
CB transmissions together with weather or navigation information WHEN AT sea.

The UK does not have any restrictions on the frequency coverage
of scanners or any legality on owning any "scanner" providing it is not
capable of transmitting.

The listening to Aircraft (VHF/UHF) is just as illegal in the UK as
listening to the Police, Fire, Ambulance, Cellular etc etc.

Over the years many people have assumed "its OK to listen as long as you
don't tell". This may have developed from when it was possible some
years ago to receive the Police on domestic FM radios I'm not sure.

There have been one or two cases that have made it to the press where the
owners of scanning equipment have ended up in court - it is safe to say
though that in every instance that was alot more to the "story" than
just listening or divulging what you heard. Having a Police frequncy
in a memory channel (even if your set if turned off) is now sufficent
for the Police to take some course of action although as above unless
you happened to have a criminal record as long as your arm and were sat
outside a bank at 2.00 in the morning with a face mask on I doubt very
much you would end up in much trouble nevertheless though.....

I had elderly one customer recently who unfortunatly had his Scanner
monitoring Police frequencies when they called during some routine
house to house enquiries - on hearing there own "control" coming
from one of his rooms they took his scanner from him but later returned
it albeight after clearing all the memory channels - I can't vouch for

how true this is only thats what he told me.

There have also been press stories of Police "stings" where transmissions were made regarding such things as Landing UFO's, the result being those who turned up were rrested. I do not know of anybody who got caught in this nor have I ever spoken to anybody who has had first hand knowldge of such things so I still treat these stories with a considerable wide bearth.

Airband listening is a very popular part of the "scene" here in the UK- visit any airfield civil or military especially somewhere like Heathrow or Mildenhall/Lakenheath and you will see an array of mag mount antennas that would do any GCHQ site proud.

So to answer your question it is Illegal to listen to car phones/cellular in the UK. I should think though I stand more chance of winning this Saturdays National Lottery of GBP19M than I would getting into trouble if I listened to cellular !

The Radio Communictions Agency produce a A4 information sheet on the use of scanners (Form RA169, phone number +(0)171 215 2150). The reverse side of which has the following "Questions and answers":-

Is a licence needed to own a scanner ?
Not if is inherently incapable of tranmissions. But its use to listen in to private messages is an offence.

Does owning a scanner make a person liable to prosecution ?
No, but is use, except as permitted under section 5(b) of the Wireless Telepgrphy Act would.

Is it all right to listen as long as what is overheard is not disclosed ?
No, using radio equipment to listen in, except as provided for by Section 5(b) is an offence, regardless of whether the information is passed on.

Could I get "authority" from the Secretary Of State to listen to the emergency and martime and aeronatical services. I am interested in them and wish to help ?
No, the Secretary oOf State's authority is usually reserved for persons acting at his request and on his behalf. If you wish to listen in to messages, you must obtain permission of the person sending them.

Isn't this a bit heavy handed ?
No, no one likes their private conversations to be listened in to. Parliament has passed the laws in question to protect the privacy of radio users.

Sorry for being so long winded but you did ask :-)

All the best.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
(Please note missing "i" in Javiation for E-Mail only !)
\--/

4285. Pager Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: jeffrey492@aol.com
Message-ID: <3lidt8$5h@newsbf02.news.aol.com>
Source record: 259109

I am looking for good pager intercept programs and equipment ideas. Any thoughts?

4286. NEED NUMBERS FOR GROVE.....

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: troy@sequent.com
Message-ID: <1995Mar31.173438.17131@sequent.com>
Source record: 259110

I'm interested in buying a PRO-43. Can somebody E-Mail me the phone numbers for Grove and Marymac (sp?).

Thanks,

Troy Wecker
troy@sequent.com

4287. scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: jorg825576@aol.com
Message-ID: <3lihro$1hf@newsbf02.news.aol.com>
Source record: 259111

i am new at this scanning stuff and i am looking for a decent scanner to
buy.
can anyone recommend a good scanner to buy?

4288. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: bundy@tuna.hooked.net
Message-ID: <3lijnh$82d@tuna.hooked.net>
Source record: 259112

lbutler@umcc.umcc.umich.edu (Les Butler) wrote:

>>BU>Royal Crown is the White House Comm. Center and
>believe it or
>>BU>not, Sundance is Ethel Kennedy.
>>
>>
>>We have Ethel Kennedy , Al Gore, who next. Callsigns
>are transferable
>>folks. I wouldn't bet on any call signs being assigned
>for life, more
>>likely a call sign or group of call signs may relate
>to a position.
>>Dan
>>---
>> * SLMR 2.1 * The future is'nt what it used to be.
>>--
>>| Fidonet : Daniel Martin 1:250/930
>>| Internet: Daniel.Martin@odxabbs.tor250.org
>
>
>Since Ethyl Kennedy isn't in the Whitehouse I'd bet on
>Al Gore...Since that is the code everytime Air Force 2
>has landed here. Les

You might be right, Les. I was going by Tom Kneitel's "Top Secret Registry of U.S. Gov't Radio Frequencies" from last year.

Bundy

4289. PRO-34 Test Cable?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: westj@ten-nash.ten.k12.tn.us
Message-ID: <3lgvkn$64b@newssvr.cacd.rockwell.com>
Source record: 259113

I need to work on my PRO-34 scanner. Unfortunately I also need to get a cable to be able to reach some of the points that I needto test. Does anyone know if I can buy this cable at the Rat Shack, or somewhere else. Thanks in advance for any information.

James West Temporary E-Mail Add:jpwest@cacd.rockwell.com

4290. RE: Nassau County Question

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: tim.bono@asb.com
Message-ID: <9503311447.0KS4B00@asb.com>
Source record: 259114

Ne> Subject: Nassau County Question
Ne> Date: Sun, 26 Mar 1995 18:51:36 -0800 (PST)

Ne> I've just returned from a visit to Long Island to see the folks.
Ne> Naturally I took my PRO-43 along to keep tabs on the happenings
Ne> in Nassau County. I have a question I hope more frequent listeners
Ne> to the NCPD can answer. When a car is dispatched to a burgular
Ne> alarm, the dispatcher advises whether there is a permit in effect.
Ne> My question: A permit for what?

Ne> First I thought it was for the alarm itself. But why would you
Ne> need such a permit even in up-tight New York, and why would the
Ne> cop care. Then I thought they were referring to weapon permits.
Ne> Certainly the cop would want to know about these. But almost
Ne> every alarm had a permit in effect and that's a lot of guns -
Ne> for up tight New York. So which is it? Or is there a simple
Ne> explanation I've missed.

I work for the NCPD as a paramedic. Yes, in Nassau County a permit is
required for both residential and commercial alarms. It was put in to
effect because there is quite an abuse of the system. Basically, u can
get a summons for 2 things..... unregistered alarms, and chronic false
alarms.. After so many they even have the power to cut your alarm telco
lines in some cases. I think the alarm installers need licences too

Hope that helps

P.S.. by the way, all I remember about NCPD is when there were around
30 MHz!

Tim/2366

... M.T. Bono, EMT-P tim.bono@asb.com
___ Blue Wave/QWK v2.12

4291. Re: Whats the difference between Pro-43 and Pro-51

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <796650931snz@javiaton.demon.co.uk>
Source record: 259115
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3lfuqt$lur@ixnews4.ix.netcom.com>
BobSzabo@ix.netcom.com "Bob" writes:

> Can someone tell me what the difference is between the Pro-43 and Pro-51
> radio shack scanners.

Other than comsetic appearance frequency coverage. The '43 has 220-400
Military air - the '51 does not. The '43 is AM/FM capable on any
frequency the '51 doesn't.

> Is the Pro-43 an older model of the Pro-51?
Its an "older" radio but not really of the '51 (It is due to be replaced
by the PRO-60 at some point in the futuure)

> Is the Pro-43 still current production?
MMmmm.....don't know to be honest, but maybe. You will find it ever
harder to find one in the USA but they are planned to remain avaialble
in Europe until the end of 1995 when they will be discontinued after the
PRO-60 is out.

> What can the 51 do that the 43 can't or vice versa?
Its more a case of what the '51 does not do over the 43 I'm afraid. If
you are into Railroad scanning you may find the '51 a better bet - less
problems with interfence at the required frequencies.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \--
Internet : Clough@javiaton.demon.co.uk
\--/

4292. Re: Modifiable 3A4 PRO-43?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <796651983snz@javiaton.demon.co.uk>
Source record: 259116
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <D5C5no.6n6@world.std.com>
gdallal@world.std.com "Jerry Dallal" writes:

> Just trying to keep the FAQ up-to-date.
>
> It dawns on me that with all of the posts about *non*modifiable 3A4
> units, I don't believe I've ever seen confirmation of a *modifiable*
> 3A4 unit. Has anyone seen one of these, i.e., 3A4 with no A in the
> serial number and no A at the *tail end* of the FCC ID?

Hi Jerry,

This does not really effect the USA but I can assure you that there are
PRO-43's with 10A4 date codes on that are modifiable...just not in the
USA :-(

I don't know for sure but I beleive that the Date code labels are
"stuck" when they are despatched to the main RS wharehouse from GRE
rather than the actual date of manufacture. This is only guess work
though and I could be completey wrong !

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \--
Internet : Clough@javiaton.demon.co.uk
\--/

4293. Re: WTB AR 2500 Scanner

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <796652709snz@javiaton.demon.co.uk>
Source record: 259117
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <27MAR199508525253@cc.weber.edu>
jberenyi@cc.weber.edu "John Berenyi" writes:

>
> If you have one let me know. Can you lock out freqs. when in search mode?
>
Hi John,

'Fraid not. I assume its the same for the Trident TR-4500
which I beleive is the same. (You couldn't either on the AR2515 which
came before the '2500 and was a modified AR2002).

All the best.

--
Cheers,
/--\
Jonathan Clough,	HF, VHF & UHF Receivers from
Javiation,	all the leading "manufacturers"
Bradford, UK	On-line catalogue via the Internet WWW
Tel: +44 (0)1274 732146	http://www.demon.co.uk/javiation
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk
\--/

4294. y

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: maverick@csulb.edu
Message-ID: <3lgb0n$k87@garuda.csulb.edu>
Source record: 259118

[No readable article body recovered]

4295. Yupiteru MVT-8000

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: langob@ranger.daytonoh.attgis.com
Message-ID: <D6B8Mv.6o1@ranger.daytonoh.attgis.com>
Source record: 259119

I have a new Yupiteru MVT-8000 unblocked for sale for $385.00 shipped anywhere in the USA.

--
Bruce Langos

Bruce.Langos@daytonoh.ncr.com

4296. Whats the difference between Pro-43 and Pro-51

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: BobSzabo@ix.netcom.com
Message-ID: <3lfuqt$lur@ixnews4.ix.netcom.com>
Source record: 259120

Can someone tell me what the difference is between the Pro-43 and Pro-51
radio shack scanners.
Is the Pro-43 an older model of the Pro-51?
Is the Pro-43 still current production?
What can the 51 do that the 43 can't or vice versa?

4297. Re: FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: dstuart@rocket.cc.umr.edu
Message-ID: <3lha1n$l6c@hptemp1.cc.umr.edu>
Source record: 259121

Vaughan Huska (Vaughan.Huska@odxabbs.tor250.org) wrote:

Is anyone going to post some freqs or what?

-- dstuart@umr.edu

4298. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: robert@eden.com
Message-ID: <3lg6d1$otk@boris.eden.com>
Source record: 259122

I'm looking for the frequency for Taco Cabana.. the attendents wear headsets that is all contained in the headset.. the side of them says GM on it.. they are grey.. no cords going anywhwere all is in the headset ..

4299. Re: San Antonio listing wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: robert@eden.com
Message-ID: <3lg6fs$otk@boris.eden.com>
Source record: 259123

are you currently living there in San Antonio.. i have a good list but
not on thecomputer.. I could mail it.. what specifically are you looking
for

4300. Re: Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: covert@netcom.com
Message-ID: <covertD6AFE6.GzI@netcom.com>
Source record: 259124

: > Definitely use the discone! But put it in your attic to prevent lightning
: > strikes. Besides, it's more attractive in the attic and who wants to climb
: > on their roof.

: Putting an antenna in the attic will not *prevent* lightning strikes,
: only (greatly) reduce their likelihood. A wood roof with a nice
: ground plane in it could be the 'easiest' path.

: Even w/o a direct hit, inductive voltages could be enough to fry
: something...

I have an ICOM Discone 7000 antenna mounted 25' above my roof. I have a PRO 2006,
Pro 2024 and a PRO 37 all hooked up to this same antenna for the 3 1/2 years.
I have never heard of any unusal attraction to lightning and I have
several friends who also have this same antenna on their roofs.

I live in Dallas on a hill and we have had some hellatious electrial
storms around here with nothing hit except trees.

I could only drive my copper rod 4' into he ground and I use a large
copper wire from the antenna to the rod.

Either I am doing something right or the idea that this type of antenna
is a lightening rod is not accurate.

Don in Dallas

4301. Re: Wanted: Computer Interface For Pro2006

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: mab@zim.bms.com
Message-ID: <3lhnie$blv@synapse.bms.com>
Source record: 259175

In article q9q@newsbf02.news.aol.com, lionsden1@aol.com (Lions Den1) writes:
>Wanted: Computer interface for Radio Shack Pro2006 scanner.
>Please send internet mail to: lionsden1@aol.com
>Thanks.
>RC

Contact Bill Cheek at bcheek@cts.com. Ask him about the CE-232 interface. It's the best thing since sliced bread and freq counters.

MB

4302. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <rawiley.796624618@blue.weeg.uiowa.edu>
Source record: 259176

xrbarron@fullerton.edu (Rich Barron) writes:

>Where would one get a device that sets off radar detectors? Plans/kit or
>pre-built ok.

They are available at most hamfests, both pre built and
in kit form.

rw

4303. Re: Novice needs info

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: cforrest@netaccess.on.ca
Message-ID: <3lh541$fq@alpha.netaccess.on.ca>
Source record: 259177

Hi Martin,

I just got a Radio Shack Pro 2030, but you won't be able to get that in sweden. There is a radio by Sony which looks like a walkie-talkie which covers SW and VHF/UHF. I've never seen it in person, but if it's a Sony, it's probably good. I think it's in the Passport to World Band Radio. It may be discontinued, but you might still be able to find one somewhere.

Later,

--chris forrest

4304. Scanner reception and distance

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: BobSzabo@ix.netcom.com
Message-ID: <3lfuj3$lr7@ixnews4.ix.netcom.com>
Source record: 259178

I was scanning today in the area of 450Mhz today and picked up 3 or 4 different transmissions from DC. I am wondering why they came in so good. I was more than an hour away. Does anyone have an opinion on this? I was in a place that is quite high. There are a lot of antenna towers in this area. I picked up DC police, DC CAb Co., a remote TV crew, and a traffic reporter in a helicopter. I have never heard signals from DC from home. I live in an area that is also pretty high up and not as far from DC as I was today. Not sure if it has something to do with the elevation or if it has something to do with all the antennas in the area.

Bob

4305. Re: Contact POP'COMM via the Internet

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: popcomm@aol.com
Message-ID: <3lhlr0$nj4@newsbf02.news.aol.com>
Source record: 259179

>You now can reach POPULAR COMMUNICATIONS magazine's writers and editors
>via the Internet. Send your e-mail addressed to POPCOMM@aol.com.
>
>This e-mail address also can assist you with your subscription problems,
>back issues, advertising, etc.
>
>We welcome your input for our columns!
>
<snip>

QUOTING doe@ (john doe).................
>>>>Chuck:

>>>>Since YOU use that account, does that mean that the mail will be
censored by
>>>>you (before it gets forwarded)?

>>>>-Mike Baranowski

Mike,

I don't understand your concern. But, in any event, all mail received
that is intended for specific editors or columnists is delivered to the
intended party in the same fashion that it arrives in. I make NO changes
to anything sent to the attention of a specific editor or writer (or
another of our departments, such as circulation or advertising).

If the e-mail received doesn't tell me who it is intended for, I use my
best judgment depending on the content and see that it goes to one of our
editors or columnists.

If there has been a problem, I am not aware of it, and I'd appreciate you
telling me about it.

73,
Chuck Gysi, N2DUP
POPCOMM@aol.com
Popular Communications online representative
CQ Communications Inc.
76 N. Broadway
Hicksville NY 11801-2909
(516) 681-2922 voice / (516) 681-2926 fax

4306. Re: Discone on Handheld (PRO-43)?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: SWassell@sv.span.com
Message-ID: <796354225snx@sv.span.com>
Source record: 259180

In article <3l1a93$9cr@pioneer.uspto.gov> smeier@uspto.gov (Stephen Meier) writes:
>Robbin A. Olson (robbino@primenet.com) wrote:
>: This may be a ridiculous question but . . .
>
>: I have a PRO-43. Will a discone antenna improve my reception while indoors or
>: is the stock antenna tuned to provide optimum performance?
>
>: I am saving to buy a base scanner.

>Definitely use the discone! But put it in your attic to prevent lightning
>strikes. Besides, it's more attractive in the attic and who wants to climb
>on their roof.

Plus, a big spikey ariel on the roof might look a BIT suspicious...

I've got a couple of discone questions: are the desktop 'baby' discones
any good? And what sort of gain (if any) does a discone give over a
suitably cut dipole?

And what about log periodics? I haven't had much experience of aerials at
all, except the extendible my scanner came with and a long wire shortwave
one I made. (this gives such strong signals I need the ATT switch!)

-----------------------------------=*=-----------------------------------

_____ __ __
/ ____)\ \ / / from Stephen Wassell Oh, what sad times are these
____ \ \ \/\/ / SWassell@sv.span.com when passing ruffians can say
(_____/ _/_/ Try coopers.wad! "Ni" at will to old ladies.

4307. Re: Secret Service

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: robert@eden.com
Message-ID: <3lhos9$8dm@boris.eden.com>
Source record: 259181

Good luck finding them.. I found Charlie 165.375 and Baker 165.785 to be busy.. but their wrist radios were not on VHF>. I was later told they were probably on UHF from 408-410 mhz. Possibly frequency hopping or spread spectrum.. possibly need an INterceptor to find them.

4308. Scanners from Northern Ireland

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Angus McBride <cfl625@ujvax.ulster.ac.uk>
Message-ID: <3lgrc5$hf7@mordred.cc.jyu.fi>
Source record: 259182

Hi,

Anyone out there scan in Northern Ireland - many of our frequencies
appear to be different from those in the UK, and would be interested
in compraing notes. If so, mail me please.

Thanks for your help.

Angus.

4309. Boston*EMS--Med 10 change

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: fsw9724@vaxb.isc.rit.edu
Message-ID: <1995Mar31.192701.19910@ultb.isc.rit.edu>
Source record: 259183

To repost the MED 10 question...Boston*EMS is using Med 10 (tac 10 for
those from the great city) as always for their primary dispatch, and
about a year ago they started simulcasting on 453.775 PL 156.7.
The reason I got (Unofficial) was that the FCC wanted everyone who
was using a med channel for DISPATCH to use another frequency...
Anyone else heard this? Boston currently transmits on 10, and
simulcasts STILL...However, as I am in school out here in hickville
Rochester, NY I really don't what is going on in Boston.

4310. Maryland MediVac frequencies???

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: tgreen3287@aol.com
Message-ID: <3lhd6h$lon@newsbf02.news.aol.com>
Source record: 259184

Does anyone know the MediVac frequencies for the state of Maryland? I have not been able to find them and any help you could give me would be greatly appreciated. thanks

4311. Can Scout tune AR8k?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: sww@onramp.net
Message-ID: <sww.1.014E3B10@onramp.net>
Source record: 259185

Does anyone know if the scout will interface to an AR-8000?

4312. Re: BC200XLT Battery Pack

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: none@nowhere
Message-ID: <none-3003951906120001@fig-ppp.caltech.edu>
Source record: 259186

If you feel so inclined: open up the old one ... you'll find 6 AA style batteries 'tabbed' together. Replace as appropriate (note: do not solder directly to batteries ... you do not want them exploding!)...

Two advantages: about ?$30 cheaper & you can put hi-cap nicads in.

In <3lcrc6$i5l@lucy.infi.net> dbrewer@nr.infi.net (Daryl Brewer) writes:
>A friend of mine has a bc200xlt and needs a battery pack for it.
>Does anyone know where to get one? New or used would be fine, he said.

4313. Re: Fast Food

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: csstudent@pulsar.cs.wku.edu
Message-ID: <1995Mar31.210333.12765@netnews.wku.edu>
Source record: 259187

In article <3l6gcv$2rh@ixnews4.ix.netcom.com>, danswan@ix.netcom.com (Daniel Swander)
says:
>
>In <seguine-2603951222120001@slip128.sirius.com> seguine@sirius.com
>(Chris) writes:
>
>>
>>In article <jwaydaD624JH.BDs@netcom.com>, jwayda@netcom.com (Jim Wayda)
>wrote:
>>
>>> Why would anyone want to monitor fast food drive thru's when there
>are so
>>> many interesting things to monitor. I'll have two Quarter Pounders
>with
>>> cheese, 2 large fries, and 2 large Cokes. Thankyou drive through.....
>
> Because maybe other people are interested
in this. You just listen to your own
interesting stuff. We don't mind.
>Becase we can! :->
>
>
>--
>Dan Swander, Columbus, OH danswan@ix.netcom.com
>EXPANSION SLOTS: Those extra holes in your belt!

4314. Re: hot air balloon freq?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.186.0009E8D8@ccm.hf.intel.com>
Source record: 259188

In article <3l96n3$13b1@tiger1.ocs.lsu.edu> dbecker@tiger.lsu.edu (Daniel Farrell Becker) writes:

>There's alot of hot air ballon festibles in Baton Rouge Louisiana where I
>go to school does anyone have frrequencies for these conventions or
>baloons common frequencies? I am also starved for a list of FD freq and
>Hazardous Incidence teams freqs. thanks for any help.

You can also check in the business bands like the 151 MHz range. A lot of these guys go down to Price Club/Costco and buy the Motorola radios for ground - air comms. Some of them even will use CB.

Brett Miller N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp.
American Fork, UT DoD#1461

4315. How Do I Set off Radar Detectors???

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: fsw9724@vaxb.isc.rit.edu
Message-ID: <1995Mar31.214132.23285@ultb.isc.rit.edu>
Source record: 259189

I saw a post here or on alt.radio.scanner (the one we're not supposed to post on to encourage the "move" to here..) ...Anyway, how do I get one of those little black boxes that sets off radar detectors? Anybody know if I can send away for one, or what? I drive alot on the NYS Thruway and the Mass Pike, and it would certaintly make the drive ALOT more fun if I zapped cars that went whizzing by me...

E-mail me at fsw9724@ritvax.isc.rit.edu or post here..Thanks...

4316. Re: Air Force 2 Intercept

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <3lgutf$hjl@umcc.umcc.umich.edu>
Source record: 259190

In article <921_9503292011@tor250.org>,
Chris Asselin <Chris.Asselin@odxabbs.tor250.org> wrote:
> Hi again, Daniel.
>
> You were asking the following.....
>
>-> We have Ethel Kennedy , Al Gore, who next. Callsigns are
>-> transferable folks.
>
> I'll take Hillary for 500, Alex.
>
> Later :)
>--
>| Fidonet : Chris Asselin 1:250/930
>| Internet: Chris.Asselin@odxabbs.tor250.org

Since Hillary isn't the Vice President and Al Gore is and Air Force 2 is only caleed Air Force 2 when the Vice President is on board. I'd say that the comedians here lose. It's hard to talk about things you don't know about but I guess thats part of the beauty of the net.

I suppose deductive reasoning is beyond the limits of some and reading about federal communications is too. Air Force 1 is only called Air Force 1 when the president is on board and Air Force 2 only when the V.P. is on board otherwise they are SAM missions (Special Air Mission)...If you try real hard and actually listen to motorcades on the local police frequencies you'll here Sundance (Gore) or Eagle(Clinton) mentioned shortly after hearing Air Force 1 or 2 landing. This would be a sure bet that you aren't listening to Hillary or Ethyl Kennedy, since neither would be on Air Force Two without the V.P. being there.

Magazines such as Monitoring Times and Popular Communications are often great reading for the those who are willing to learn. They are also a great benefit of the hobby, listeners sharing with others who have open enough minds to absorb what they read.

Les

4317. *TRADE: SIMMS for RADIO!

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: bernie@primenet.com
Message-ID: <3lh9k0$erb@news.primenet.com>
Source record: 259191
Cross-posted to: rec.radio.cb,rec.radio.scanner

I have 72pin SIMMs that I'll trade for a good handheld scanner or a mobile CB radio with antenna!

Bernie

4318. BC200XLT Problems - Help

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Meg Alison Papa <mv0t+@andrew.cmu.edu>
Message-ID: <ojT9Wm_00WB=Iogtcc@andrew.cmu.edu>
Source record: 259192

I have a BC200XLT scanner and it is behaving strangely. When I turn it on (under battery or charger power), the lcd screen is blank and the speaker click at approximately the scan rate for a short time and then it makes a louder click and comes on normally, although the memory is frequently nuked. Sometimes it just clicks and doesn't come on normally at all. It seems to not come on at all more under charger power than just battery power.

Any suggestions?

Thanks

-Brian

4319. AR8000 LOVE IT, but some warts...

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: mike@shien.ist.csuohio.edu
Message-ID: <1995Mar31.182543.8954@news.csuohio.edu>
Source record: 259193

As wonderful as the AR8000 is in almost all respects, it does have a few warts. This is true for ANYTHING you buy. A banana gets bruised easily. It took forever to get Mercedes to install cup holders. So, here are some things I found odd about the AR8000. Not much we can do about most of them, but it was cathartic for me to list them here nonetheless. In my opinion, these warts pale in comparison to all the nifty things this radio can do. Don't get me wrong, I really love the radio; AOR has taken a real leap forward compared to most other scanner manufacturers. It's just that I'm anal retentive enough to gleefully enjoy picking out every nook and cranny of this radio. I also have responded to most of them in the AR8000's defense. Call it post-purchase rationalization. I think most owners have stumbled upon most of these. Notice none of these involve the computer interface, since I do not have one.

- Cheap feeling case compared to even lower priced HT's (Yaesu, Kenwood, Icom, etc).

Point: Yes, for the price, should be beefier, more solid.

Counterpoint: Makes the unit lighter. To make it beefier like HT's and professional gear (i.e., Motorola) would have driven the cost even higher. And, as one poster put it, would be "like carrying a small revolver". Also, an HT generally need the metal as a heat sink for the transmitter finals, which are not an issue with a scanner.

- Low viewing angle on LCD.

Point: Yes, needs to be wider. Tough, almost impossible to read at weird angle. Is there an internal contrast adjustment?

Counterpoint: It may be more expensive to manufacture a sophisticated 4-line alphanumeric LCD with a wider view angle, thus driving up the price. I have discovered that outdoors, in daylight, the display is easier to see off-angle.

- Loose dial/volume/squelch knobs.

Point: The rubberized knobs seem loose on the metal axles of the controls. Can be pulled off with not too much trouble, although tight enough not to fall off. AOR should have had hard knobs with set-screws, with rubber wrapping on the outside.

Counterpoint: Knobs are one piece, made entirely of the soft rubber, thus they will naturally move on the hard metal control shaft. Could probably find "hard" replacement knobs with set-screw if desired. The benefit of soft pliable knobs is that if the radio gets whacked or dropped on the knobs, the rubber knobs will give and not break, and also prevent damage to the internal controls beneath. Kind of a shock absorber. May be able to stuff something inside the knob holes to make them grab better. I wrapped a 3/4" by about 3/16" piece of electrical tape around the top portion of the metal shaft, with some of the tape projecting above the top of the shaft to allow me to "crimp" it down so the rubber knob would slide on smoothly. Seemed enough thickness to reduce the looseness you sometimes feel when rotating the knobs. They now feel a lot tighter.

- Knob position indicator dots needs more contrast.

Point: The rubber knobs have a light gray dot on medium gray rubber, which by and large is OK, but in low lighting or in shadows it's tough at a glance to see where the squelch/vol knobs are set. When you are looking directly at the front of the radio, you cannot see what position the volume and squelch are in. Most important if wearing headphones.

Counterpoint: Replace knobs with ones that are more visible. Or, take a thin permanent marker and carefully draw a black line across half the top of the knob (i.e, it's radius), crossing over the existing gray dot, and then all the way down the side of the knob. Could also use a thin red marker. This will make the knob position more visible. I did a similar thing with my old scanner which had black knobs with just a notched slit in the black plastic to indicate the position. Almost impossible to see where the knob was. I filled in the notch with white latex paint using a small sewing needle. Worked great. I did this on my AR8000, using flat latex paint, and it worked. Except that I filled between the two knob-ribs that were on the diametrically OPPOSITE side of the knob from the gray dot on top. That way, the white paint line is VISIBLE (i.e., facing you) when you hold the scanner when squelch and volume are both halfway up (a common setting). With out my white painted lines, I had to keep tipping the scanner to look at the dots on the top of the knobs to see what position the squelch and volume knobs were inn. You might have to carefully scrape away any dried paint from the knob where you painted to have it looks crisp (instead of it looking like you just gobbed some paint on the rubber knob grips). I used flat white ceiling latex. So far, it is sticking OK. I found that white gloss spray paint dabbed on with a toothpick or needle tended to flake off when it dried. I suppose you could also go as far as supergluing a short piece of white sewing thread between two of the rubber knurls.

In any case, I can now see much more easily where the knobs are positioned.

- Constant low-level speaker hiss, regardless of volume or squelch.

Point: Will nominally soak up a little more battery power than if the thing were silent. Most noticeable with headsets or earphone.

Counterpoint: Not noticeable in normal, non-headset use, although it's there. I usually have problems with headphone/earphone connections, whether it be trouble with the wire, connector, or earpiece. I have gone stretches of time listening to nothing on a scanner only to find that the earphone or headset had something wrong with it. Had no way of knowing that no audio was making it from the scanner jack to my ears. A low-level of audio hiss while not locked onto a channel during scanning lets you know the headphone/earphone is connected and working OK. Use the hiss as a reminder that the unit is on if it's stuffed in a pocket and you are using a headset or earphone. One poster recommended putting a 1k to 2k resistor in series with your earphone (via a splice in your headphone/earphone wire). Since the "hiss" level is constant regardless of the volume setting, it reduces the audio's signal/noise ratio when you turn the volume up to compensate for the resistor suppressing the hiss. Slick idea.

- Can't set scan delay per-channel

Point: Delay is set to all channels or none, although it is variable between 0-10 seconds.

Counterpoint: Initially I was disturbed by this until I came to the realization the on my old scanner, after using it for 3 years, I had set delay only to ONE channel. The solution is to make that one channel on the AR8000 the priority channel, or, just live with NO delay at all. I have found that a 1.5 second delay for all channels (default is 2 sec), with NO priority, is optimal for my uses. Still wish it had it though.

- Scanning speeds seem to be different, per bank.

Point: The scanner scans at different speeds depending on the arrangement of frequencies and modes in a given bank. The scanner will scan a bank faster if similar frequencies and modes are grouped together contiguously within that bank. The manual only mentions this fact AFTER you have put all your frequencies into the radio! Apparently, if you have a bank with wildly differing frequencies and modes as you progress sequentially from channel to channel it consumes more scanning time because the VFO has to swing back and forth between frequency settings if you just enter them randomly. It also

takes time for the CPU to set the different modes as it scans. I think the scanning logic in the radio could be improved such that it pre-sorts the frequencies, in order, while scanning. Some of the Uniden scanners do this pre-sorting. So to get the OPTIMAL speed out of the scanner, I went back and re-ordered the frequencies within each bank so that the first frequency (for example, A00) is the lowest and the last frequency (for example A36) is highest, with everything in between in ascending order based on the frequency. For example, prior to re-shuffling my "A" bank, I was getting about 13 channels per second. After sorting them in ascending frequency value, I clocked the same bank at about 16 channels per second. This is because of the frequency ordering - the VFO is not having to traverse as much frequency "space" between subsequent channels, since the are now in order. This to me is a drawback of the radio.

AOR should have worked this out by perhaps providing a frequency "sort" feature in addition to the existing copy, move, and swap. So, once you put all your frequencies into the desired bank, in whatever order you want, you simply would hit the "sort" option, and it would re-order the frequencies in the bank for optimal scanning speed. I figured out a way using the swap feature in a particular bank and a pencil and paper to relatively easily re-order a bank without having to enter any new frequencies. I won't go into my method here, but if anyone is interested in how I did it, let me know. It's methodical, but after a couple of passes, it magically sorts a bank of randomly entered frequencies into ascending order. If you have the computer interface, then that is probably a better way of doing it.

My Radio Shack PRO-37 scans at a constant rate of 25 channels per second regardless of the frequency transitions. The closest I ever got to the advertised rate of "30 channels per second max" was when scanning through the 40 AM CB channels. I got just over 27 channels per second, and that was with the PLL LOCK set at 0 milliseconds.

With a stopwatch, I clocked a few of my programmed scan banks (with antenna off and squelch all the way up so there were no interruptions), before I reordered them:

40 CB channels (AM): 27 channels per second.
20 cordless frequencies (NFM): 17 channels per second.
23 mixed VHFlo, VHFhi, UHF freqs. (NFM): 13 ch. per sec.
(after reordering this one, it jumped to about 16 cps)

It seems that not only is scan rate dependent on the various lock parameters (PLL and SQUELCH), but also dependent on what the VFO is actually having to do as it scans a given bank. The 40 CB channels scanned real fast, but the scanning is

always in AM, and the frequencies are ordered low to high, are relatively close together. The slowest scanning was where I had frequencies that jumped all over the place, from 38.350, to 151.385, to 423.275, in NFM. I would hope AOR would someday come up with an upgrade that would give a consistent scan rate. The "max 30 channels per second" that you see in the documentation is perhaps a little misleading, (the closest I got was 27), and generally not usually the case. If you dial-down the squelch lock to get closer to the 30 channels per second scan rate, you will wind up missing live channels. At least my PRO-37 with HyperScan clips along at a constant and predictable 25 channels per second. Oh well.

- Bassy audio

Point: Would like ability to adjust audio "tone" (i.e., crude bass/treble or variable hi/lo adjustment). Perhaps as a pot on a circuitboard, accessible from battery compartment.

Counterpoint: I much prefer a fuller, bassier sound compared to the really tinny PRO-37 I have. Also makes WFM audio sound surprisingly decent. Seems to help on shortwave too.

- Easy to delete channels.

Point: You can accidentally delete a channel by doing [FUNCT][9] if you happen to be on that channel. There should be an "Are You Sure?" message. It should be able to be disabled in EXPERT mode. This is not a problem with deleting a bank, since there is a sub-menu for it, and it's real tough to accidentally blow away a whole bank. Plus, when you delete a channel accidentally, there is nothing telling you what just happened. You will eventually notice it when you never hear that channel for a while.

- Dial has to play catch-up, display skips sometimes.

Point: Turning the dial when reviewing scan channel contents one channel at a time sometimes does not mesh exactly with what's on the display. It may sometimes be out of whack by one channel.

Counterpoint: Turn slower when approaching desired channel.

- Plastic LCD cover nearly flush with case.

Point: Being not recessed makes it vulnerable to scratching and scuffing.

Counterpoint: Get a carrying case with a clear plastic cover for the display portion. AOR sells one. Make a habit of NOT setting the unit face down.

- Priority channel requires that the scanner briefly go check the priority channel every few seconds to see if it is active.

Point: This causes an audio dropout when it goes to check the priority channel for activity. Seems to me that while scanning, the priority channel should be monitored independently (requiring a TRUE second VFO) and only interrupt normal scanning when it comes to life.

- Unit can fall backwards easily.

Point: If you look on the bottom, you will see four slightly raised feet that keep the unit stable when standing up. There are no feet on the bottom of the battery cover, thus, the radio will lean and fall backwards more easily when pushed, than it will if you were to lean it forward.

Counterpoint: I cut two narrow strips of electrical tape (about 1/8 x 1-1/2 inches) and put one on top of the other at the very bottom of the battery cover. The two tape thicknesses serve as a more rearward foot for the unit, and it now stands more stable. Also, the snug-fit case you get from AOR has more of a squarish bottom, and stands upright more readily.

- Metal belt clip clamps too tightly.

Counterpoint: Remove it, and slightly bend the metal tabs where the screws go. I set mine so that when installed, the clip barely touches the serial number sticker on the back. Easier to put on a belt or hang in a pocket.

- BNC antenna connector comes loose with a big antenna.

Point: With a longer antenna, somewhat more stress is put on the BNC connector.

Counterpoint: Probably OK to take apart and tighten. I have a bigger antenna that flops around a lot, but I have not yet had the antenna connector loosen up on me.

- Power Save only in VFO or 2VFO mode.

Point: The power saver feature ONLY works in either the 2VFO or VFO mode, when there is no signal present. The manual does not mention this, thus I assumed that power saver worked in the scan and search modes as well. I tested this by checking the current consumption in the various modes while power saver is on. The power saver drops the nominal current consumption from the 110-170ma range down to about 24ma, by cycling the receiver circuit on/off at a predetermined interval.

Counterpoint: If power save were to have been designed for use on scan and search modes, then it is possible that with the power cycle time and your scan rate, you could conceivably never have the receiver circuit on while it is scanning an

active channel. This would not happen much, but it could happen.

- Keypad labels wear off with lots of use.

Point: AOR botched it on this one. Should have had better ink, or perhaps made the letters part of the rubber rather than just painting them on each pad. Write or call and complain. Probably the most significant physical shortcoming of the radio.

Counterpoint: Get the case with the clear front. Works great, protects the unit, and keypad. Also, maybe there is some clear coating that is both compatible with the keypad rubber and the lettering paint that will seal or protect the printing? Latex or silicone based sealer?

- Dial tough to use when tuning manually on shortwave.

Point: The little dial, with it's click detents, makes it a little clumsy when trying to tune around the shortwave bands. Perhaps AOR should consider having a little button near the dial that releases the clicker so that the dial turns smoothly, like you would expect on a regular shortwave radio.

Counterpoint: I personally like the click detents, rather than a smooth turning knob. The clicking is almost a requirement when finely tuning frequencies one step at a time, and also for dialing in alphanumeric text information. I use AUTO SEARCH in conjunction with the dial knob to easily zip through the shortwave frequencies. The manual says not to use squelch, but I do - it seems useful.

- Battery terminal pulled out when I removed the batteries.

Point: When looking down at the battery compartment, the upper right battery contact will slide out of it's slot completely if you remove the rightmost battery by pulling it out from the top. Seems that the battery terminals make contact with a circuitboard behind, inside via a socket of some sort.

Counterpoint: Be careful when removing the batteries.

- Supplied antenna has the sensitivity of a carrot.

Point: The supplied duck antenna is nice and compact, and does not look bad, but it has so-so reception.

Counterpoint: I suppose in a radio-laden urban area, a less sensitive antenna might be desirable to cut down on intermod and images. Other than that, get a better duck. I got the Diamond 8-band antenna, which also happens to transmit on 2m and 70cm ham. Picks up a lot better than the supplied one. The model number is RH77** (forgot the last two characters).

It's about 14" long. About 32 dollars, but you are getting
what you pay for.

One final thing that happened to me only a few times, and seemingly
never again, was that when I turned the radio on, the 2VFO mode
would display the 80MHz frequencies, and the lamp would go on for
5 seconds, as if it had reset itself when I turned it on. I may
have accidentally held the "CLEAR" button, but it did it when it
was resting on it's back on a table!. Once or twice, when I turned
it on, the 80MHz frequencies would come up, but, it did not do an
ENTIRE reset (as it would if I HAD held the CLEAR button down),
since it was still in EXPERT mode, my pass channels were still
there, my SEL SCAN channels were still there, etc. These things
all reset when you turn the radio on with CLEAR pressed. Strange
fluke, but it has not done it since.

I really scared myself once - I got the bright idea to tune the
scanner to the clock frequency of my 486 PC (25MHz) to see if I
could hear anything. I got the antenna too close to the CRT and
got a static snap to the antenna from the screen! Suddenly, the
radio would only produce a quiet hiss after that. I almost filled
my pants. During my cold sweat, I turned the radio off for 10
seconds, then back on again. Everything was fine! I can only
imagine that AOR put some sort of surge protection on the front end
of this radio that keeps most dangerous spikes away from the rest
of the radio. Boy was I lucky. Thanks AOR.

I don't have the nerve yet to take the radio apart to see what
makes it tick, however, I understand that it is plug-in modular for
ease of repair (I have heard the only wires are from the
circuitboard to the speaker). Perhaps though, as the electronic
warts are worked out, it will be possible to purchase plug-in
upgrade modules from AOR which would improve things like the scan
speed. Perhaps they will come out with EEPROM upgrades to include
more features (like bank channel re-sort, or entire-bank copy).

My 2 cents worth on the "darker side" of this terrific radio.

Would not trade it for anything.

Mike Mayer
mayer@boulder.vni.com

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^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

4320. Re: Contact POP'COMM via the Internet

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: <>
Message-ID: <doe.1147016260B@192.0.2.3>
Source record: 259194

In Article <3lar0f$jij@newsbf02.news.aol.com>, popcomm@aol.com (POPCOMM) wrote:
>You now can reach POPULAR COMMUNICATIONS magazine's writers and editors
>via the Internet. Send your e-mail addressed to POPCOMM@aol.com.
>
>This e-mail address also can assist you with your subscription problems,
>back issues, advertising, etc.
>
>We welcome your input for our columns!
>
<snip>

Chuck:

Since YOU use that account, does that mean that the mail will be censored by
you (before it gets forwarded)?

-Mike Baranowski

4321. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <f8a_9503311044@tor250.org>
Source record: 259195

BI>From: bill.funk@iotp.com (BILL FUNK)
BI>Newsgroups: rec.radio.scanner
BI>Subject: RE: HOW POLICE RADAR WORK
BI>Message-Id: <8A662C3.059E000563.uuout@iotp.com>
BI>Date: Wed, 29 Mar 95 11:47:00 -700
BI>Distribution: world
BI>Organization: Inn on The Park PCBoard, Scottsdale, AZ USA (602)941-8635
BI>Reply-To: bill.funk@iotp.com (BILL FUNK)
BI>References: <8A65357.059E000551.uuout@iotp.com>
BI>X-Newsreader: PCBoard Version 15.21
BI>X-Mailer: PCBoard/UUOUT Version 1.10
BI>Lines: 40

Hey Bill!

BI> other units down the road which vehicles to pull over, and the speed to
use
BI> on the citation. Since my last traffic ticket (over 18 years ago!) said
tha

Hmm, are you a careful and conscientious driver, or just well
protected?<G>

BI> the signing officer had observed the infraction, I wondered how these guys
BI> were doing this! Turns out that modern citations only say that the signing
BI> officer has reason to believe that the infraction occurred! (There! Got
thi
BI> on subject!)

BI>Bill Funk

Bill, just FYI; Two man radar has been used in Ontario, mostly by the
provinacial force for a few years now. Quite often an "Evil Kinevil "
will sit on a bridge/overpass and just radio ahead to a marked car. My
friend got burned like this for doing about 80mph in a 60 zone. You are
absolutely right regarding reason to believe, often phrased reasonable
grounds.
Talk to ya!
Dan Martin
---
* SLMR 2.1 * it's my immaturity that keeps me so young!
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4322. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <f8b_9503311044@tor250.org>
Source record: 259196

TR>From: skywalker@dino.qci.bioch.bcm.tmc.edu (T Reynolds)
TR>Newsgroups: rec.radio.scanner
TR>Subject: RE: HOW POLICE RADAR WORK
TR>Date: 29 Mar 1995 19:30:07 GMT
TR>Organization: X-Ray Crystallography / Atomic Biophysics H.H.M.I.
TR>Lines: 9
TR>Distribution: world
TR>Message-Id: <3lccfv$1vr@gazette.bcm.tmc.edu>
TR>References: <8A65357.059E000551.uuout@iotp.com>
TR><8A662C3.059E000563.uuout@iotp.com>
TR>Nntp-Posting-Host: dino.qci.bioch.bcm.tmc.edu

TR>Here in Houston HPD Special Op's are testing the new laser system. Mounted
TR>in the rear of a Z-28 they just pull into a parking lot sight the laser
TR>in at grill level and start writting tickets. They caught so many the
TR>other day they had one unit firing the laser and two units writting tickets
TR>as fast as they could, they had quite a impressive line forming when I left

TR>location. One of the units told me "If we get you with the laser, it's your
TR>in court"

BOLLIX there is no such thing as a guarenteed conviction, unless you
plead! FIGHT FIGHT FIGHT you tickets if the are worth demerit points
or large amounts of cash. As for Laser or LIDAR.. there are various
ways to defeat it. Get a nose bra for one thing, paint the car
black.Just use some basic physics regarding the principle of light.

Dan

---
* SLMR 2.1 * I want patience & I want it RIGHT NOW!
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4323. Legal or Illegal????

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <f8c_9503311044@tor250.org>
Source record: 259197

JW>From: jweaver@Newbridge.COM (Jon Weaver)
JW>Subject: Legal or Illegal????
JW>Message-Id: <D671u5.1EM@Newbridge.COM>
JW>Sender: usenet@Newbridge.COM
JW>Organization: Newbridge Networks Corporation
JW>Date: Wed, 29 Mar 1995 08:49:17 GMT
JW>Lines: 15

JW>I am wondering if anyone could answer this qustion FACTUALLY!!

JW>I want to know whether scanning Car Phones in the UK is Legal or Illegal?

JW>I remember that a few years ago, the situation was that you could legally
JW>scan car phones, but it was illegal to ACT on any infomation gained whilst
JW>doing this......

JW>Is this still the case or has the law changed.

Well you still can't act on anything you here, but do you mean cellular
telephones? No you are no longer permitted to listen,nor have really
been aloowed since 85 I believe, it is just this year that
manufactures were ordered to blocked the cellular band.Furthermore i
is now unlawful to listen to cordless telephones.Move to Canada, we
can listen to it all!
Dan

---
* SLMR 2.1 * I was going to procrastinate, but I put it off.

--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4324. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <f8d_9503311044@tor250.org>
Source record: 259198

XR>From: xrbarron@fullerton.edu (Rich Barron)
XR>Newsgroups: rec.radio.scanner
XR>Subject: Re: HOW POLICE RADAR WORK
XR>Date: Wed, 29 Mar 1995 18:33:10 -0800
XR>Organization: I'm not really an organization, but I play one on TV.
XR>Lines: 2
XR>Distribution: world
XR>Message-Id: <xrbarron-2903951833100001@dialin33682.slip.nts.uci.edu>
XR>References: <8A65357.059E000551.uuout@iotp.com>
XR><8A662C3.059E000563.uuout@iotp.com> <3lccfv$1vr@gazette.bcm.tmc.edu>
XR>Nntp-Posting-Host: dialin33682.slip.nts.uci.edu

XR>Where would one get a device that sets off radar detectors? Plans/kit or
XR>pre-built ok.

They can be found at variuous ham radio flea markets. The last weekend
of April , there is a big one in Dayton Ohio, go to it , and you'll
most likely find them.
Dan

---
* SLMR 2.1 * "These loudspeakers had more wind-noise than a convertibl
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4325. Radio Shack 2004, low sen

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <f8e_9503311044@tor250.org>
Source record: 259199

KL>From: klimasewski@fccvde.enet.dec.com (My name is...)
KL>Newsgroups: rec.radio.scanner
KL>Subject: Radio Shack 2004, low sensitivity
KL>Date: 29 MAR 95 12:58:09
KL>Organization: Digital Equipment Corporation
KL>Lines: 7
KL>Message-Id: <3lc7et$ivp@mrnews.mro.dec.com>
KL>Nntp-Posting-Host: fccvde.enet.dec.com

KL>I have a 2004 thats a little deaf and was wondering if I could get some
KL>tips on where to start trouble shooting. Does anyone have a diagram
KL>they could fax me?

Try the antenna jack. The prongs that touch the antenna connect may be
making poor contact. After that try the cinnector on the inside of the
radio, perhaps a poor solder joint.
Dan

---
* SLMR 2.1 * You don't need binoculars to see the light...
--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4326. Help!

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: Daniel.Martin@odxabbs.tor250.org
Message-ID: <f8f_9503311044@tor250.org>
Source record: 259200

MI>Subject: Help!
MI>From: michael.iszak@wisebbs.com (Michael Iszak)
MI>Message-Id: <2c4.192.242@wisebbs.com>
MI>Date: Wed, 29 Mar 1995 16:08:00 -0500
MI>Organization: WISE BBS - 1-905-732-5807
MI>Lines: 18

MI>Hello, I have a question, where I live i Ontario, it is illegal to have a
MI>radar dectector, but I was wondering, in Canada, it is legal to monitor ANY
MI>radio transmissions, i wonder how the law can say that it is illegal to
MI>monitor radar warning devices. I wonder ifyou made a case that looked like
MI>something like a scanner, etc... and put the radar dectector in it, and
said
MI>that it was a radio, or whatever.
MI>Any reply would be appriciared!
MI>73's de Mike
MI>VE3XLS

You've been reading the haruteq again. Don't bother, the constitituion
says we are are all equal under the law, but the provinces can make
their own laws. Rf monitoring is federal , radar warning device is a
section under the HTA, a piece of provincial legislation. IOW you lose.

Sorry
Dan

---
* SLMR 2.1 * Lorna Bobbit turned my hard drive into a 3.5" floppy...

--
| Fidonet : Daniel Martin 1:250/930
| Internet: Daniel.Martin@odxabbs.tor250.org

4327. Re: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: scumbag@ix.netcom.com
Message-ID: <3lh9g9$6ao@ixnews4.ix.netcom.com>
Source record: 259201
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In <3lbv3j$hj6@clarknet.clark.net> bill will <billinaz@gn2.getnet.com>
writes:

>
>I like shooting cars close in with a Kustom HR-12 and watching
>the front end of the car dip way down, and watch and listen as their
>speed rapidly decreases. When the judge hears the part about
>the vehicles speed tracking history and finds the guy guilty......
>
>I like the gumbies buying the laser detectors.....goooooood luck!
>
>
>
>

I love it too. radar detectors dont work. i catch as many with as
without. BTW i always scratch a someone with a detector..if they can
afford a detector they can afford a ticket

Later

Michael

4328. Need BC3000XLT Price Info

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: RSC@sruvm.sru.edu
Message-ID: <17372FA06S86.RSC@sruvm.sru.edu>
Source record: 259202
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Well, I'm ready to take the plunge into scanning.

I want to make it clear that I am PRICE shopping for a BC300XLT.

This is the model that I've decided will meet my needs.

If you can provide information please respond. I will tabulate

and post the final results.

Please fill in the blanks:

Scanner: BC300xlt

Company: _____

Address: _____

_____

Telephone: (_____) _____- _____

Price: $_____._____

Shipping & Hand. _____._____

Accessories

1. _____._____

2. _____._____

3. _____._____

4. _____._____

Sales Tax _____._____

Thank you for responding. Ron

4329. Re: Need MediVac Helicopter Freqs

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: tgreen3287@aol.com
Message-ID: <3li4rm$qq8@newsbf02.news.aol.com>
Source record: 259203

Hi I have also been trying to find the MediVac frequencies and have had little success and I was wondering if you would kindly pass any info you get on to me. THANK YOU very much.

dan green

4330. Receive Pre-amps

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: praxus@limestone.kosone.com
Message-ID: <praxus.1.0016A5DD@limestone.kosone.com>
Source record: 259204

Anyone one out there know of a great mast-mounted pre-amp for coverage between 50-1300 mhz.

4331. Re: Opto's Scout

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: adamld@atl.com
Message-ID: <1995Mar31.235504.13880@atl.com>
Source record: 259205

In article <3lauhi$8kk@ixnews3.ix.netcom.com>,
Terry Miles <tjmiles@ix.netcom.com> wrote:
>I thought that the 400 memory Scout was called the Scout 40(?). If not,
>then what's the difference between the two?

Optoelectronics began advertising it as the Scout 25; with 50, then
later 100, then finally 200 memories. When they realized that they
had to charge more for the enhanced memory, they changed the name to
the "Scout 40".

My unit says 25, but has 400 memories. Supposedly some units shipped
with only 50, but I heard that OEI will upgrade those owners for free.

--
Adam Levin-Delson adamld@atl.com Vx: 206.487-8681
Atlantis Diagnostic Int'l Inc. Fx: 206.487-8170
18939 120th Ave. NE Ste.111 Bothell, WA 98011 USA

4332. Cellmon?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar31.205713.1@cad3.uccb.ns.ca>
Source record: 259206

Can anyone tell me what the program "CELLMON" does?
Ron...

4333. Re: Will Radio Shack repair pro2006 with cell mod

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: dcs@Starbase.NeoSoft.COM
Message-ID: <3li8n8$71k@Starbase.NeoSoft.COM>
Source record: 259207

-----BEGIN PGP SIGNED MESSAGE-----

In article <3l2u30$oc4@newsbf02.news.aol.com>, GREG84 <greg84@aol.com> wrote:
>DONT DO IT!! I had a 43 that had the light burn out. It had the cell mod.
>Sent it in and it came back "fixed". Now it is totally unmodifiable and
>blocked. They replaced the "third" board (where the CPU and diodes are).
>I am considering litigation :(

This was a fear of mine when my PRO-43 died (fell off my desk
at work and mangled the power jack). I sent it off earlier this
month to Grove for repair instead. It's not under warranty anymore
so, RS was definately my "last option".

-----BEGIN PGP SIGNATURE-----
Version: 2.6.2

iQCVAwUBL3ymIV8NLo2vey9NAQEdzQP+K862pOGu8jBq51/qFJGpYwYniC/ly7WL
n9w+66880UHChCswVTfX3swbOea88SrfJg082zV5RH0QgYAJhI4/x0ra86/uVxW5
OqI28Em7iTQUWxk4ugCRCr/1MrhHwNaX+GXpR4zCVw1LM63R5ksRDe23OiznqRd9
axwVnz7pGTY=
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-----END PGP SIGNATURE-----
--
| David C. Smith dcs@starbase.neosoft.com |
| Finger or email for PGP Public Key |
| "Don't play with the dead, boy. They have eerie powers.." |
| - Homer Simpson |

4334. Re: FAST FOOD

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.950331134003.23355A-100000@storm.atms.purdue.edu>
Source record: 259208

On 31 Mar 1995, David Stuart wrote:

> Vaughan Huska (Vaughan.Huska@odxabbs.tor250.org) wrote:
>
> Is anyone going to post some freqs or what?
>
> -- dstuart@umr.edu
>
>
>
Local McDonald's 154.565, 154.160, 154.600

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

4335. RE: HOW POLICE RADAR WORK

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: bill.funk@iotp.com
Message-ID: <8A684D3.059E0005ED.uuout@iotp.com>
Source record: 259209

On 30 Mar 95 08:14am, BRIAN VARINE wrote to ALL:

>> An interesting aside: I've listened on my scanner to radar units telling
>> other units down the road which vehicles to pull over, and the speed to use
>> on the citation. Since my last traffic ticket (over 18 years ago!) said that
>> the signing officer had observed the infraction, I wondered how these guys
>> were doing this! Turns out that modern citations only say that the signing
>> officer has reason to believe that the infraction occurred! (There! Got this
>> on subject!)

BV> Couldn't you go to court and ask the officer? If only the officer who
BV> wrote the ticket is there couldn't you get off? If the other officer
BV> isn't there, how can you challenge the validity of the radar reading?
BV> Well, the above is a very good reason to carry a scanner. Most police
BV> aren't too pleased with the idea of you having a scanner, so, keep it
BV> out of sight should you be pulled over.

Go to court and ask the officer what?
Could I get off? Probably. Could *YOU* get off? I dunno. Do you know enough
law to question the officer(s) in a way that shows the judge you aren't
wasting everybody's time?
If the officer who observed the alleged infraction isn't there, the one who
IS there had better be able to give more evidence than "Officer So-and-So
told me the defendant was speeding." That's useless, *IF* I know enough to
say so.
I spent a lot of effort to learn how traffic radar works. I got the tech &
user manuals from Kustom to fight two tickets I got using radar. Also the
sylabus the departments got from Kustom that are supposed to be used in
training the officers to use the radar units properly (it wasn't). One of
the officers (from San Francisco) didn't know the difference between a
nautical and a statute mile, didn't know how the radar unit arrived at the
figure it showed, had no idea of what the "best" target was, as opposed to
the "intended" target. He was lucky he knew which end to point at his
target. The Santa Rosa officer was simply shooting every vehicle to come
over a rise. I argued that this was an illegal search, and that the radar
unit was being used by the officer as the sole evidence of an infraction.
This is illegal because the radar unit cannot be cross-examined.
(traffic radar is supposed to be used as a tool, to verify the speed
of a target vehicle suspected of speeding. Using the radar as the
determinator of who is speeding is illegal. Otherwise, it is
considered to be simply searching everyone, to determine who is
breaking the law, with no reasonable suspicion that ANYONE is.)
Am I a lawyer? No. No one has to be a lawyer to know the law.
Nothing I am saying here should be construed as legal advice.
My advice to everyone is this: go and learn as much as you can. About

everything.

Bill Funk
Internet: bill.funk@iotp.com

... Don't blame me! I voted for BUSH!
* Silver Xpress V4.00 SW12853

4336. Grounding of discone Antenna

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: lupe.castro@iotp.com
Message-ID: <8A68558.059E0005EE.uuout@iotp.com>
Source record: 259210

How does one ground a Discone antenna ???????

Thanks,,

4337. MAC scanner stuff on 'net?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: tvine@aol.com
Message-ID: <3lhesp$m3t@newsbf02.news.aol.com>
Source record: 259211

Anybody know of any scanner programs(freq. managers etc.) for the mac available on the net? I have found a number of dos-based programs and am interested on the same sort of thing for macs.....thanks.....!

4338. Re: VOX activated .WAV recorder for scanner wanted

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: xrbarron@fullerton.edu
Message-ID: <xrbarron-3103951739030001@dialin33653.slip.nts.uci.edu>
Source record: 259212

In article <3lh46g$oo@celebrian.otago.ac.nz>, pgunn
<pgunn@earthlight.co.nz> wrote:

> Does anyone else think this is a good idea? Even more important,
> has anyone seen a .WAV (or any other sound file) recorder that
> allows you to set the level at which it will start recording?
> Any programmers out there want the challenge?

I've got exactly the program you've described. It's called SoundEffects 0.9.1
Here's the contact info for the $15 shareware program:

SoundEffects 0.9.1
Alberto Ricci
Corso De Gasperi, 45
10129 Torino Italy
e-mail: ricci@pmn.it
or fricci@polito.it

This is a Macintosh program though.

4339. Re: How to best manage Ni-Cad batteries?

Newsgroup: rec.radio.scanner
Date: 1995-03-31 00:00:00 UTC
From: c21rag@mail.delcoelect.com
Message-ID: <3lhs8i$gmi@kocrsv08.delcoelect.com>
Source record: 259213
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <D6AEu1.Ht3@cup.hp.com>, Michael Cole <Michael_Cole@hp6650.desk.hp.com> writes:
> |
> In Sailing magazine this month, they have a detailed article on
> battery usage for yachts. They give some advice for lead-acid battery
> management that is counter to the conventional wisdom for boats with
> dual batteries. This advice also runs counter to conventional wisdom
> for using Ni-Cad batteries. I would like to know if some of the
> experts reading this group might tell me if the following is relevant
> to using Ni-Cads in handheld radios.
>
> In boats it is common to have two batteries that alternate in service,
> one being discharged deeply while the other one charges and "rests".
> The author contends that this results in shorter battery life because
> the life of a battery is extended significantly if it is discharged a
> smaller percentage each time before it is recharged. They suggest
> using both batteries at the same time thereby discharging each one less.
>
> The question that comes up is, "Does this apply to Ni-Cad batteries as
> well?". I have been told to discharge my Ni-Cads almost completely
> before recharging to avoid the dreaded "memory effect". However, I
> don't want to shorten the battery life unnecessarily. Any advice on how
> best to manage Ni-Cads?
>

The best way to manage Ni-Cads is to not overcharge them. In any
normal use, memory is a myth. If you repeatedly discharge and charge
them between precisely the same points you can develop the "memory"
effect, which is really a voltage depression of .1 or .2 volts per
cell. If the load is sensitive to the battery voltage it may
interpret the voltage depression as "battery almost discharged" and
shut down. This effect has been noted in spacecraft with
sophisticated charge circuits which can cycle the battery precisely
enough.

What happens with earthbound Ni-Cads is overcharging, which overheats
the cells, causing outgassing, loss of electrolyte and thus capacity,
and other degradations. So charge your Ni-Cads whenever you want to
be sure they're topped off, and either use a smart charger which can
tell when they're fully charged, or charge them at the 14-16 hr rate,
at which a moderate amount of overcharge won't hurt anything. What's
moderate? Hard to give a specific value. When I slow-charge, I
assume the battery was dead and give it the full 14-16 hrs. If it
wasn't dead, it doesn't get more than probably 6 or 8 hours of
overcharge. That's not going to hurt anything. I certainly wouldn't

leave one on for days at a time, however.

Roger Grady K9OPO c21rag@kocrsv01.delcoelect.com
Delco Electronics Corp. Kokomo, IN
"All information and opinions are strictly personal."